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# AGRICULTURAL.

ated ated have deul-tate. Italy land pted it is said at the said a

has been suggested to soak them in a flour porridge the second week. Then the crop. solution of blue vitriol, one pound to take a tablespoon full of flax seed and a Northern grown seed is to be prefive gallons of water.

THE question is frequently asked: buckwheat flour preferred, add three ing, since a sprout that has been rubbed How many tons in a cord of manure? quarts of skim milk and feed while off has weakened the potato. A good Three tons to the cord is the usual esti- warm; this makes the best ration I ever distance is to plant a foot apart in rows mate, but the actual weight varies confound for calves under a month old, three feet distant. It is better to plant ting it.

periments" indicated that the nitrogen into jelly by pouring boiling water on dium to large seed and plant half and of barnyard manure is only one-half the it, and after it has stood twelve hours, quarters. If quarters are used one foot value, weight for weight, of that of sul- mix with oats and corn ground togeth- by three feet, fifteen bushelsare requirphate ammonia.

change of food, and both hay and pas- two. If a calf is taught to eat oats turage would be better relished and do when a month old, a quart of oats twice I am often seized with a desire to use

tions which would be death to red the summer, and you will have to nurse the soil in these enlightened days.

wasted. If the sink drain discharges steer nor a good dairy cow. directly upon sod land there will be a vigorous growth of grass and no smell if the trough is moved frequently. If the soap suds are poured over plants or shrubs it will help to keep away insects, but do not pour suds around

in New England is its lateness in ripen- tion. there is a first rate local demand for cedes potatoes and is regarded as a good but a boy then.

izer in sufficient quantity to enable him as low as 2 1-2 to 3 feet. one to try it who has not made a study year it should be well rotted. Chemi- know the reason. Many a farmer's The same may be said of dwarf apple

# Raising Calves by Hand.

all his calves this year, and the calf like soda, acid phosphate and sulphate of the stiffness of the leather. "One har-should be treated while living on grass. ing pear scab, and among the smaller every other animal must have a good potash, are favorite chemicals. Ashes ness saved is as good as two earned," The common method with most farmers orchardists or others with a small num- and other nutrient media, I have grown profitable stock; and whether it is in- to tend to cause scab. All potato fer- will last as long as two treated in the that are fed by hand excepted-many have related to the well known pear pear scab. These cultures have yet tended for beef or the dairy the bone tilizers should contain a high percent of usual way. 178 DEVONSHIRE STREET, BOSTON, MASS. and muscle must be properly developed, potash. There are some high grade This rule should be applied more and generally too small for the number Station. Consequently, it has seemed stage, or winter form of fungus. as well as quantity of the food fed dur- that are giving splendid results. Fer- terest of many farmers. ant factor in building up the frame of but should not come in direct contact are idle. No planting has been done, cattle following each other day after The injurious effects of pear scab are some particulars; but some have claimed any animal. with the seed.

The whole milk of the mother is the food that nature provides, and if man wants to take something out of it by way of toll it is reasonable to expect him to furnish a substitute. Having Rural No. 2 for later. correspondence from particular tarmers, giving the results of their experience, is solicited. Letters should be signed with the writer's real name, in full, which will be printed or not, as the writer may wish. gard as the best rations for the purpose. the home dairy. The best and most early crop or on poorly drained land available substitute for the butter fat low ridges are better. It is a good taken out of the milk is to be found in plan to make the furrow a little deeper flax seed, but in using either the seed than is needed not filling it level until or the meal after the oil has been ex- the weeds begin to start thus killing a tracted it is necessary to be very care- good many of them. The best practice ful until the digestive organs have be- seems to favor planting the seed not come accustomed to the change. My less than four inches deep. Too shalmethod is to feed whole milk for the low planting reduces the yield and too To make fence posts more durable, it first week, half skim milk with a little deep planting makes it hard to harvest quart of water for each calf, boil half ferred. It is best to select only potaan hour, thicken with a little flour, toes that have not sprouted for plantbut constant watchfulness is necessary one large piece than several small pieces. to prevent scouring. When they get a Many farmers still plant small pota-ONE of the famous "Rothamstead ex- little older the flax seed can be made toes but the leading growers select meer, or oil meal can be mixed with the ed to the acre. ground feed instead of the jelly, one

Starting the Potato Crop.

several kinds of grass and clover instead a drink, to be increased as it grows farmers might do to benefit themselves, mends the following grain mixtures to should be fed almost entirely on what older, will make a slick, trim built calf. and what they might do collectively for be fed with coarse feed. Its digestive organs will develop so that their mutual benefit. But remember- 1. One hundred pounds corn or hom- then like common farmers, losses would the successful orchardist a knowledge will thrive where the soil is quite moist. On the other hand if you want a runty, infirmities by my style and wonder why and feed eight to nine quarts daily. and it will even stand flooding without pot bellied animal feed it all the skim an old "sojer" of nearly eighty years being killed. It will flourish in loca- milk you can get it to take all through should attempt to instruct the tillers of

Notes from Experience.

it all through the first winter, and if it Experience is a schoolmaster that we and feed seven to eight quarts daily. lives to be two years old, it will probare all indebted to for a great deal of COMMON SOAD suds are of considerable ably be as large as a respectable year- wisdom. I do not claim the more years value to plants and should not be ling, but it will never make a fine beef the more wisdom. I am but like some who speak in meeting; I get a relief of mind by putting some things on paper, even if a portion of the manuscript

goes into the waste basket. Dr. Franklin left many wise sayings quarts daily. that have done much to better the gentoes, soil fairly moist also and with me when a school boy. "A penny seven to eight quarts daily. considerable vegetable mold. If there saved is two pence earned." I could THE Champion quince five years from is a tincture of clay in the loam, the not then understand just how that could pected to average half a bushel to a tree but stiff soils are unsuitable. In gen- true because Dr. Franklin said it. I got and feed seven to eight quarts daily. Later, I got enough to pay the sub- quarts daily. ing. In most towns in this section | Corn after sod land frequently pre. scription to a weekly newspaper. I was

quinces at good prices, and the crop rotation, namely: grass, corn, potatoes. I have found it beneficial to apply ought to be more commonly grown than Potatoes may sometimes be grown suc- this principle of saving to other things Apples will do well on almost any it is. The price of quinces averages cessfully for two years on the same beside money. For some years I have corn soil. Pears like a medium clay about \$1.50 a bushel at wholesale, but soil but it is better to take fresh field applied it to my harnesses, and I am loam, quinces bear best and live longest taining the manufacturer's name, are to spore absorbs water, and pushes out a spore absorbs water, and pushes are killed out by rot. Here is another good rotation for dition to having them well oiled at least well on a heavy loam. Gooseberries Home mixing of fertilizers on a small those who grow grain. First year sow once a year I house them handy to should have a stiff clay loam. Currants scale does not pay, says Farmers' Bulle- fall wheat with clover. Second year, where the horses are unbarnessed. I and strawberries a rich loam. Grapetin, No. 65. The market prices of the harvest the clover and plow under the have a broad cupboard, eight inches vines should be planted on a sandy fertilizing materials bought in small second growth, and in the spring of deep by four feet wide, and deep enough loam with a dry sub-soil. Raspberries against purchasing cottonseed meal withquantities are frequently so high as to the third year plant potatoes. The soil up and down to take in the harness flourish in a dee, and rather moist soil. out a guarantee. The experiment sta- again the scab spot is seen on the sur. A good remedy for garget is a tearender home mixing impracticable. should be plowed deeply and thoroughly. when hanging on pegs. My cupboard All the fruits will of course grow on tion has recently found adulterated meal face. The individual farmer rarely uses fertil- In loose soil the fine roots sometimes go is large enough to take in two harnesses other kinds of soil, but to get the best in a bran wash, once a day, for three to secure the advantages of wholesale Liberal manuring pays well. Barn-put into it. I have an old harness, it is best to adapt the soil as closely as quotations on unmixed materials. The yard manure applied directly favors which is used in the rain when needed. possible to the crop. only way to save anything is to buy at disease and is often too coarse, hence When taken off, it is hung in the cupwholesale prices on a cash basis. Even many of the test growers apply barn- board and the door closed. It gradu- Dwarf pears come into bearing amount of nitrogen or protein found in it is generally admitted that the disease which is put in staple crops. Even if then so many farmers make some sort of yard manure to corn or grass the year ally dries and is in good condition to young and are good to set in a garden, a prime meal, and is therefore only oneblunder in mixing up the materials that before the potatoes are grown. If how- use next time. My harnesses are so but for field culture most growers conwe would hesitate to recommend any- ever, it is applied in the hill the same pliable and soft, questions are asked to sider the standard trees more profitable.

toes than on most farm crops, espec- where a draft of air strikes them and ially on a soil that has already been ma- they get hard and dry before half worn The high price of cattle of all kinds nured for other crops or on land that out. They begin to break, and the

section Early Rose and Beauty of Hebron for early varieties and White Star. farmer in seed planting.

more easily and quickly done. I have just been reading the People's try it. Farm and Stock Encyclopedia by Waldo F. Brown. It is full of meat and

young farmers cannot go amiss in get-Z. BRERD.

No. Weare, N. H.

P. S .- The people here think Congress made a big mistake in pushing our President to go into war.

# With Coarse Feed.

ALSINE clover is not appreciated as it it will go through the winter in good ing what human nature is, I leave my in many experiments have been made at in it will go through the winter in good ing what human nature is, I leave my in many experiments have been made at in many experiments have been should be. Sown with red top it makes shape, and at a year old will be as good pen and ink unused, lest young and mixed or chop feed. Seventy-five pounds some men. the very best sowing for wet lands. It as the calf that has run with its mother. ardent farmers would "catch on" to my cotton, gluten or linseed meal. Mix

2. Two hundred pounds chop or cerealine feed. Seventy-five pounds cotton, gluten or linseed meal. Mix

3. One hundred pounds oat feed. One hundred pounds Buffalo or Gluten feed. Mix and feed eight quarts daily.

eight quarts daily.

7. Fifty pounds linseed meal. Fifty pounds cottonseed meal. One hundred

# Soils for Fruits.

and is closed every time a harness is and largest product at lowest expense at Gardner, Baldwinsville, Fitchburg ter.—It has been seen that pear scab or four days.

cal fertilizers will pay better on pota- harnesses are hung on pegs or nails, trees, only more so.

# Summering Cattle on Grass.

will make the farmer anxious to raise has recently been in sod. Nitrate of stitches begin to give way, because of timely than how cattle of all kinds of inquiries have been received concerngenus Venturia. start in life if it is expected to make increase the yield but are said by many for, treated in this way, one harness is to let them all run together—calves ber of trees, equally as many inquiries for some time the fungi of apple and or few, large or small, just one pasture blight, says Bulletin 145 of the Cornell given no indication of this other fruiting and there is no question that the quality special manures advertised for this crop thoroughly than it is, for the best in- that must get a good living or be half well to incorporate in this bulletin such starved. Then close grazing and often brief accounts of these two diseases as Apple Scab?-It is well known that ing the first year of its life is an importtilizers may be applied in various ways,
The rainy season is on, and farmers long dry spells and a good number of will give the information desired. Potatoes put to sprouting for an early day, reaching through fences and in the well understood by many orchardists; that these differences are so small as not crop, still stand in the bags in a cool hot weather the field looking so bare and by some the disease is combatted to denote that fungi are distinct. How-Among the popular varieties in this place to prevent more growth. Every- that the grass roots are often killed out faithfully and successfully, but to others ever, it is of considerable practical imthing is full and running over. The entirely. This is no overdrawn pic- it is an inevitable attendant of pear portance to know that some recent work brooks are all "jolly" with running ture. Now how can a cow give a good culture. During the past summer I tends to show that these fungi are diswater. The rivers are "mad" and go yield of milk or young cattle take on was surprised to find how often pear tinct species; hence, if this is true, pear rushing on as if bound for the "front" much growth or flesh under such con- scab is confused with certain insect scab cannot spread to the apple, and before the call is out for volunteers, ditions, unless they get a satisfactory punctures and other minor injuries. I there cause apple scab, or vice versa. Level planting is considered the best Every nook and corner and hollow feed and in reasonable time they cannot presume, however, that no one who My experience has been mostly with practice for largest yields, but for an has its share of water and to spare. spare the time needed for rest and to ever grew so susceptible a variety as Wells are full and cisterns, too, if they chew their cud. Every farmer should the Flemish Beauty could long remain a number of the varieties commonly don't leak. This morning, April 26, a have two or more pastures. Milch ignorant of the scab. few flakes of snow have come sailing cows do better alone, but if that cannot With many varieties of pear, cracking through the air, indicating that the elements are not ready to indulge the pastures so that one of them could be leaf blight, or apparently even certain rested a while and if suitable weather, irritating external agencies may pro-It is a good time to mend up the two or three weeks will start the grass duce the cracking, provided the respecfarm tools or invent new ones that will so that when you turn them on it again tive agencies affect the pear during the Doyenne, Flemish Beauty, and Jones. help to "tickle nature" more effectually just watch the difference in the growth growing period. or to help us eradicate the pests of the and yield and see the grass start up in the On the fruit the pear scab produces

> Where cattle are compelled to eat off the epidermis of the pear. etc., but it is generally those that feed curled therefrom.

If calves get the scours, we stir flour SPECIAL CHARACTERS OF THE SCAB. WM OXLEY.

Hancock Co., Iowa.

protein, and high in carbonydrates, being of the same nature as corn meal. of the fruit below the diseased area. ing of the same nature as corn meal.

The process of germination is as follows. Make a hole in the hill with the Material of this kind unquestionably like process of general rows. Make a note in the nill with the has considerable feeding value. Those lows: After falling upon the leaf or finger and insert the roots of the plants,

# Adulterated Cottonseed Meal.

JOSEPH B. LINDSEY, Hatch Experiment Station,

I don't know of any subject more During the past two years a number gus has been found belonging to the

farm. I find it a pleasure to conjure one vacated. This is a better way than at first merely brownish or olivaceous abundant during the past two years. In up something so that work may be if the number of acres were all in markings. These discolorations are one lot. I hope those interested will due, in part, to a short surface growth of the fungus, and to the deadening of

the blades of grass scarcely an inch. The leaves are often severely affected. high and probably destroy others just the spots being usually more abundant peeping out, ten days, if left to grow, in the neighborhood of the midrib on would furnish twenty times as much the under surface. During the past feed and to injury occur to the roots. year Professor L. H. Bailey received People tell of leaks and losses on the from Michigan some leaves so badly farm, but too close grazing is the big- affected that the fungous growth covgest one I know of. Then there is a ered the greater portion of both surbig talk about calves dying from scours, faces, and the leaf was considerably

you can raise on your own farm and satisfactory varieties are introduced, to

til it is checked. We teach them to eat olivaceous growth on the fruit, leaves York. The final results are not at all oats and ground feed and keep hay be- and twigs is largely made up of short discordant with those of other stations, fore them all the time until turned on erect threads somewhat uneven at their and recommendations are made someto grass. When cows scour badly on tips. These threads produce the spores what accrordingly. Spray three times tame hay and mill feed, make a real or reproductive bodies. Over the en- with Bordeaux mixture of the fifty-galhard boiled dumpling of flour and tire surface of the pear, as of plants in lon strength. The first spraying should water only, boil it until hard and when general, there is a definite outer layer be made before blossoming, but after cool cut into pieces and feed it to them, of cells which we call the epidermis. the fruit buds burst; the second imme-4. H. O. dairy feed. Feed six to it will quickly stop the scours. This The outer wall of this epidermal layer distely after the petals; and the thirdreceipt is worth dollars if it works for usually becomes thickened into a very about two weeks after the second. 5. Gluten feeds. Feed five to six others as it has for us. I may tell you what pastures are like in England tough resistant cuticle. Inside of the and how they keep them good all the epidermal layer of the pear we find the 6. One hundred pounds fine midtime. They have a more moist climate pulpy cells and the gritty cells of the
Any time after the first of May or erations that have followed him. I reddings. One hundred pounds brewers, than we have, but we could greatly important without special regularity. The when the weather becomes settled tosects, but do not pour suds around trees in winter, as it will probably kill a rich, sandy loam is best for potations that have followed him. I re- dilings. One inducted pounds brown to the winter methods. With the weather becomes settled to- bacco plants should be set out. By this developed largely just beneath the time the leaves should be about 2 1-2 epidermis, and they never extend inches wide. Before transplanting soak A great variety of oat refuse is now very far into the pulp of the pear the plant bed so that the plants can be A great variety of oat refuse is now setting, if well cared for can be ex- flavor, of the tubers will be improved, be, but I took it for granted that it was pounds oat feed or chop feed. Mix finding its way into our markets. It has been found to contain from thirty-five the epidermis, deriving their nutriment Then they can be drawn out one at a or something like 100 bushels to the eral the potato should have the best enough money quite early in life by 8. One hundred pounds corn meal. acre. It is rather more productive than soil on the farm since the crop will pay saving, to go to menagaries and get a Fifty pounds cotthe orange quince. Its only objection better than other crops in such a local sight of the elephant and the monkeys. Its only objection better than other crops in such a local sight of the elephant and the monkeys. It is then quite difficult to ascertain the percentage of hulls the spores. Later, the epidermis is rupmixture contains Oat refuse is low in tured, and then we find that a definite in rows 3 1-4 feet apart, making check protein, and high in carbohydrates, be- corky layer has been formed by the cells rows. It is usual to ridge up little hills

> little thread, or germ tube. This germ cut worms replace them as soon as postube has the power of passing in through sible in order to secure an even stand. the cuticle and epidermis, where it Stir the soil often to keep it moist, Farmers are especially cautioned branches greatly and develops the thread-

ingham and Franklin. This article con- The fungous threads are extremely resist. A good garden can be made to yield tains scarcely more than one-half the ant, and buried in the bark of the twigs, more than any five acres of the farm following spring a crop of spores to to the garden, the question of economy reinfect the young branches and leaves, and profit should be sufficient arguas well as the fruit cluster. It is also ment to induce you to try it .- Farmers' Amherst, Mass. believed that the fungus may pass the Guide.

winter in the diseased fruit and leaves. In Germany, a winter stage of the fun-

In artificial cultures on bean stems

(c.) Does Pear Scab differ from pear scab differs from apple scab in

VARIETIES AFFECTED.

Scab affects to a greater or less extent grown in New York. The data upon this subject are limited, but it is generand Bartlett are less attacked than such On Seckel, Flemish Beauty, and Summer Doyenne I have found it very a list of about twenty-four varieties given by Beach in bulletin 84 of the State N. Y. Exp. Sta. we find none other than the three mentioned included among those only slightly stracked.

REMEDIES.

Since we may assume that this fungus lies over winter in the young branches or diseased fruit, it is quite evident that there is all the more reason for beginning any work of prevention at the earliest time expedient. Fairchild found that before the flower buds open the Grain Mixtures to be Fed Daily their cows such a big lot of stimulating Pear scab has been known botanically young scab spots may appear upon the milk rank poison to their offspring. gium; but it is only within the past Prof. Lindsey in Bulletin No. 58 of Calves from such pampered matrons twenty years that it has had a place in more good when the field consists of a day with two quarts of skim milk for my pen when I see what individual the Hatch Experiment Station recom- are as good as sick at birth. Cows economic literature. Hereafter, at

For the prevention of this fungus. gicides. During the past few years special attention has been given to pear in their warm milk and an egg too, un- (a.) Microscopic appearance.—The scab at the Geneva Station in New

spoonful of saltpetre given the cow

## Farm Facts and Fancies.

THE WEEDER.

implement that should be used much is wanted and the ground would othermore extensively than is now the case. wise be cloddy, but have had no ex-I have never found it easy to decide just perience in cutting manure into growwhere the line should be drawn in puring rye. We imagine that we are chasing farm machinery, and it sometimes seems that our modern labor-saving implements eat up all the profits be required after all in getting the from our crops. But we must accept the fact that certain modern implements are a necessity if we would try distributed. It would be some harrowto compete in the production of farm ing before plowing, and less after it. crops, and I have found the weeder to be in this class. I do not advise its use on a very stony soil, and it is not effective on a stiff clay unless used at just the right time. In fact, it is one of the kind of implements that requires using with promptness to get first-class results in cultivation of any kind of soil, based the amount of the compensation. work he will need little if any direction; but that use pays so big that I should As skill increases the wage increases. but if it should be an inexperienced not want to try to grow corn or potatoes That is the law in every occupation, hand he should have his attention called without a weeder. It is used for three though one might suppose that farming to the following suggestions: Do not bration of the teeth serves to stir the surthe sprouting weed seeds are exposed should get off. Granting there is a place, six inches are in, the first method of reing their destruction by the millions has one to credit one cent to interest on until the drain is refilled, to and above betore they have had time to make a his farm investment until he has taken the top of the ground, not neglecting show above ground. With a weeder pay out of his proceeds for just what the fact that all dirt that came out of the ten or more feet wide, one horse and his skill is worth? What right has any trench should be placed back in or man can run over a big acreage in a one to report that a bushel of potatoes piled on top, for it is only a matter of a day. 2. After a rain it breaks a crust or corn can be produced for a certain little time until the dirt so replaced on all except stiff clays, and does the figure when he allows himself not one will settle until it is no higher than the work rapidly. 3. But its best use is in cent for his ability to handle a farm surrounding surface. scratching the ground in the hill between well, maintain fertility cheaply and A second method consists in the use or muck with manure. Where such a plants and in leveling the surface. A grow a good crop? In farm accounts of a common plow, and can be used by compost is desired, the material should the crust and the weeds that come on if the weeder is used after an ordinary cultivation, even in case of stiff clays, the row is leveled so that the next plowing with cultivator does effective work. The weeder saves labor in keeping a crop clean and makes better Can a Farmer Produce Milk at The third and most rapid method of cultivation possible. It can be used until potato plants are six inches high, and corn plants are benefited by still longer use. If the value of the weeder in Pennsylvania, the above question were better understood, there would be was quite seriously discussed. Several tween time of excavating and time of many fold the present number in use on milk producers present stated that they filling, and meanwhile one or two heavy farms that have reasonably loose soils. could not produce milk at a profit at On a heavily crusted, stiff soil the

ABOUT THE DEPTH OF PLOWING.

weeder is not effective.

told that the depth of the soil and the produce?" considerable percentage of organic mat- spread wastefulness of management? ter near the surface, especially in the Let us look into this production of case of compact soils, and if the land is milk at three cents a quart. Whether or stand drouth, but a supply of the cow than I do?" same material near the surface is even "Maybe the difficulty lies in my not more essential in the case of most crops being a better student of feeding." "The in clayey soils. Deepen soil by deep best agricultural intellects in the land plowing, but not at the expense of a are devoting a great deal of study to rotted plant roots and turf.

sows rye in the fall and breaks the sod "And then there is the question of great to allow anything which tends to in the spring for potatoes, says he has managing my own farm so as to raise increase to go untried. Transplanting the rye well dressed with stable manure, more of my cow food, and put it up in adds exta work, but it has been demonand asks whether he should cut this the most palatable and milk producing strated that the diff-rence in the yield manure into the rye ground with a cut- form." away harrow before using the breaking Some of these advanced dairymen say Seed when sown under grass is much plow. It seems to me that this would that this is a big question to consider. more uniform in coming up than when give the very best possible preparation They talk about raising peas to take sown outside, and by the middle of for potatoes or any other summer crop. the place of cotton seed meal, etc., and April one may have onion plants six The harrow would fine the manure, there is the silo and all those matters." or eight inches high. Furthermore, the distribute it through the soil and cut up "I wonder if I know as much about growth during the entire season of transthe rye turf. Then, after the ground is this milk business from the farm end as planted onions is generally very unibroken, another double-cutting with I should know if I am going to compete form and prompt. Really, transplanted

the soil. I know that this method works get that!" well when breaking a piece of ground The horse weeder is a labor-saving late in the season, where a fine seed bed

ground in good condition to plant, and the organic stuff would be much better

VALUE OF A FARMER'S SKILL, Skilled labor commands a higher wage than common labor. Mere manual labor National Stockman.

# Three Cents a Quart?

At a recent meeting of milk shippers, three cents a quart.

On this question of what a farmer can afford, there seems to be almost univer-There is one factor in determining the sal confusion, so that one is almost proper depth of plowing that is not tempted to ask: "Does anyone know sufficiently considered. We are usually what a quart or pound of milk costs to

former depth of plowing should be a No doubt, it is true, that the business guide, adding a half-inch or so to the of farming in all its branches, dairying be well to fill the heads of the main depth where plowing has been shallow as well, is conducted by nine out of ten drain and the heads of the branches in the past. That sounds all right, going men with but little real business knowiupon the presumption that depth of soil edge or method. But it must be a good indestructible material to within fifteen is the prime consideration at all times. business, for what other business on to eighteen inches of the surface. This But there are some crops that require a earth could exist under such wide-

deficient in this respect and the sod con- not a farmer can produce it at that tains about all that there is in it, it is not price, depends, first, on the sort of business to let the major part of the cows he has. A cow that produces supply go seven or eight inches below 2,325 quarts yields within a fraction of the surface. The depth of plowing a sod 5,000 pounds. A good cow should prodepends upon the amount of humus in duce 5,000 pounds of 3.75 to four per the ground, if the good of the crop to be cent. milk. At three cents a quart the planted is the prime consideration. cash value of 5,000 pounds of milk is Deepening of the soil can be secured \$69.75. With good farm management it with less loss by deeper plowing when seems to us that such cows should be there is no sod to be broken. If the kept in Pennsylvania for \$35 to \$40 a percentage of vegetable matter in the soil head. Calling it \$40, we have a profit is high enough anyway, the sod can go above the cost of feed of \$29,75. The down for the permanent improvement labor cost should not exceed one good of the ground; but if the percentage is man to fifteen cows. What the cost of low, and the under soil will crust when lator is in Pennsylvania we cannot say, turned to the surface and will not feed but at this rate a herd of fifteen such the roots of surface-feeding plants, the cows should leave some margin of nearer the decaying vegetation is to the profit. But there are several questions surface, the better are the chances for a for these men to consider when they say crop, except in a very dry season. The they cannot afford to produce milk at advice usually is to keep the sod on three cents a quart. Such as the followedge, but as a matter of fact, in spring ing, for instance: "Why can I not afford plowing, we know the best of the sod it?" "Is it because my cows are too gets into or near the bottom of the fur- poor in quality? I certainly ought not row, and for ease of later tillage many to expect to make any profit if I will go so far as to use a jointer that in- not make a practical effort to have cows sures all the heaviest of the turf going that average at least 5,000 pounds a to the bottom. If a soil has not had year of four per cent. milk." "Am I good supplies of rotted sods in the making any real intelligent effort to past, the sod it has at the surface should keep better cows?" "Have I been studynot be broken so deep as in the case of ing this question as a business farmer the soil that is not dependent upon the ought?" "Have I taken pains to breed material in that sod to keep its surface and raise better cows, or have I deloose and friable. Rotted vegetation, pended on buying cows bred by men deep in the soil, helps a crop to with- who know less about breeding a good

surface sadly lacking in the remains of this question." "I wonder whether I know as much about it as I ought to to A Chester county, Pa., farmer, who make money on milk at present prices?"

in which the manure and rye would be are content if they get two cents a quart in the hill growth over those sown in pretty evenly distributed throughout for their milk, and many of them don't the open garden. They have the advan-

"I wonder if the fault is in the price per quart or in my cows, my method their period of growth is greatly lengthand myself."- Hoard's Dairyman.

## Three Methods of Refilling Drains.

After the tile is all in place, or at any time after the first rod is laid, the work of refilling may be begun, and while there are three methods of doing this work, there is but one proper way of putting in the first six inches of dirt, and that is with a spade or shovel, and the power behind the implement should be a man who knows how to be careful and tion—enough for bare subsistence of the that would put him in the classification worker and his family. Upon that is men. If this kind of a man is doing the purposes: 1. It is a wonderful weed affords an exception if he judge by the allow stones of a half-pound weight or killer in all soils that are not stiff, when usual figures given in estimating the more to fall from the top down on the used soon enough after a rain. The vi- cost of crops or the profits from farm tile; do not shovel in dirt without face of the ground so thoroughly that on a farm? If not, skillful people does not displace a tile. After the first to the air and robbed of moisture, caus-

cultivator with the narrowest teeth too many farmers credit themselves placing a long double tree on it, so that be laid down in alternate layers in a Condensed from the "United States Investor," Boston, March 5, 1898: tends to ridge the row somewhat, and only with manual labor wages, taking one horse or a team of horses can be proportion of about five parts of peat idly, though it will always require some for the labors. dressing up with the shovel, after all possible has been done with the plow. The third and most rapid method of filling is done by using four horses on All Women Should Read any one of the two or three kinds of reversible road scrapers now in common use on our public highways.

> rains have fallen, the use of a plow to loosen up the dirt will be found indispensaible. In filling by this method it is seldom possible to fill the drain with once passing over, and it will always be well to use a hand shovel in dressing up at the ends and making a uniform fill at other points where the scraper fails to do perfect work. It will always and makes space for the water to gather and settle to the level of the tile.

I have found by practical experience that one man with a shovel will cover fifty rods of tile in a day, filling in the inches have been placed as indicated above. At a cost of \$1.50 per day this would be three cents per rod. Patting in with a plow and team, and charging at the rate of three dollars per day, it cost only a fraction under three cents by the second method. Rating the teams as above, I found we could fill nearly four hundred rods in a day with three teams and four men, and at this cost at the rate of two and six-tenths cents per rod. This includes the dressing up at the ends with the shovels. and making the work complete.

In filling drains I do not regard it prudent to use a tamping post unless it should be after at least two feet of earth has been thrown in, but think it preferable to fill in and on top all the ground that came out of the trench, then with the use of a two-horse roller, well weighted, drawing over some two or three times will greatly improve the Hood's Pills easy in effect. 25 cents. condition of the finish, and do material good to the work. It nearly always turns out that in six months or a year later holes will be found over the tile. These are a result of imperfect filling and should be filled at once, otherwise they are dangerous to cultivate over and are also likely to become larger by allowing water to run into the tile, carrying with it silt, which is also likely to do damage as accumulated sediment .-J. Fremont Hickman, in the Stockman and Farmer.

# Why Transplant Onions?

The value of the onion crop is too justifies it.

the disk cutaway would give a seed bed with some of those other fellows who onions will show a decided improvement

tage of growing rapidly during the cool, moist spring weather, and accordingly

Onion seeds sown in the open ground are largely dependent upon the weather moisture, soil and vitality of the seeds for producing a successful crop, and if the elements happen to prove adverse, the crop will be a poor one. The risk is considerable, for the crop may be injared late in the season, when it would hardly pay to plant a second one. On clay soils the risk is greater than on muck soils, other conditions being equal. And if onions are to be transplanted it is advisable to use only the finer varieties, for nearly every plant can be depended upon to produce satisfactorily. Neither does it pay to spend all the work for common, poor sorts. Grow the best it is possible to procure, if any; that is, those that are best adapted to your own soil and locality. Common onions, if desired at all, can be planted in the open garden in spring. This is good enough for such. Another thing in favor of transplanted onions is they can be kept free from weeds much easier and with less expense than those sown right in the open ground. When transplanted the onions have such a start of the weeds it is an easy matter to keep them so far ahead that the weeds have but little opportunity to thrive.-F. O. Sibley, in Exchange.

to recommend the composting of peat

This Interesting Letter-"I was Nervous and Weak."

Life Changed from Misery to Joy by Hood's Sarsaparilla.

The terrible trials of the "gentler sex" are beyond description. How Hood's Sarsaparilla is adapted for them and how it restores health and helps over the hard places, is well illustrated by Mrs. Place's letter.

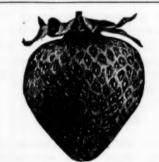
"C. I. Hood & Co., Lowell, Mass.: "Dear Sirs: - In early life I suffered much from stomach troubles and spent a great deal of money in doctoring. I received temporary relief only to have a return of sickness, and for the past five years life has been made miserable by constant illness. During this period there have been six months that I was not off my bed, and for one year I suffered most severely. I was

Nervous and Weak

and life seemed a burden. It happened that my husband bought a bottle of Hood's Sarsaparilla and I commenced to take it in small doses. In a short time it was evident that it was helping me. In two weeks I felt that I was being greatly penefited. About this time our youngest son, then 15 years of age, was taken down with typhoid fever. He passed on to his reward, and soon others of the family were taken ill, until I was the only one left to care for them. I continued taking Hood's Sarsaparilla, and to the surprise of myself and all the neighbors, I not only kept up and took care of the sick, but my Health Continued to Improve.

For nearly three months this siege of typhoid fever held the family down. All this time, as by a miracle, my health kept up and I grew strong. At present I am feeling well and know that the benefit derived from Hood's Sarsaparilla is permanent. Other members of the household have since taken Hood's Sarsaparilla and Hood's Pills with good effect." Mrs. REBECCA PLACE, N. Sixth St., Goshen, Ind.

Hood's Sarsa-parilla Is the Best-in fact the One True Blood Purifier. Insist upon Hood's; take no substitute.



Strawberry Plants.

I have a little million of them grown on high land, consequently the roots are well ripened and can be transplanted safely; the pricesare as low as an honest man can sell for. Send for my Catalogue before placing your order elsewhere. C. S. PRATT, Reading, Mass.



Help--FARMERS--Help

agricultural, Horticultural, Stock Farm Help darried Couples Furnished at short notice. Ex-ellent list of experienced help of all nationall ies constantly on band

ened by this method.

Some agricultural chemists continue

## And Get in Before the Spring Rush and Receive Advantage of its Influences.

COPPER STOCKS ARE BOOMING.

BE A PIONEER MINER

The

Differences

between

Gream

Separators

The cut on the left (Fig. 1) is that of a De Laval "Baby" separator bowl. It is of the improved "Alpha" disc type, which protecting patents prevent the use of in any other machine. It subjects the milk to centrifugal force in thirty thin lapars. In consequence it has an actual capacity of 750 lbs. per hour, at a speed of 6,000 rev., and recovers 99 per cent. of the butter-fat in the milk. It is mounted within the finest operating machinery years of experience and the best of everything can produce.

The cut on the right (Fig. 2) is that of a typical "hollow" form of separator bowl. It is of the patent expired type the De Lava' Company used up to five years ago and which its imitators use to-day. It subjects the milk to centrifugal force in solid bulk. It has a claimed capacity of 300 lbs. per hour, at a speed of 8,000 rev., and recovers 95 per cent. of the butter-fat in the milk. It is made cheaply, to sell cheaply.

Compare the relative size, capacity, speed and results. Are you going to put your money, your labor, and your business success into a separator? Can you see the difference—to you! If you would learn of still further differences in cream separators, send for new "Dairy" catalogue No. 208,

THE DE LAVAL SEPARATOR CO.

GENERAL OFFICES .

74 CORTLANDT STREET.

NEW YORK.

NEW ENGLAND SUPERVISING AGENTS,

MOSELEY & STODDARD MFG. CO.

RUTLAND, VT.

# THEY ADVANCE IN BOSTON IN THE FACE OF THE WAR SCARE.

The market for copper stocks is booming. While the Maine explosion caused all other their pay in manure, and thus get hitched to each end. By placing the or muck to one of manure. It is the are advancing. Copper has advanced to twelve cents a pound, which means enormous profits. this little ridge are hard to handle, but figures on cost of production and in- single horse or team of horses on either opinion of many of our best farmers, Consumption of copper is advancing faster than its production. In January England, France terest on investment that are mislead- end, and opposite sides of the ditch, however, that even where the muck is and Germany consumed more copper by 4,473 tons than the entire production of the United ing to outsiders .- Alva Agee, in the the earth may be plowed in very rap- of good quality, the results hardly pay States. The visible supply in England and France decreased 2,693 tons during January and

> Higher prices for copper stocks are confidently predicted. Boston & Montana has advanced from 15 cents in July, 1893, to \$1.88 in March, 1898, and Registered Jersey Cattle for Sale at reasonable Calumet, & Hecla between the same period from \$2.47 to \$5.40. Copper stocks are higher than when copper was 17 cents or 5 cents per pound higher then now, which indicates a conviction that the immensely increased demand must greatly advance the price of the metal.

# IMPORTANT NEW COPPER DISCOVERIES IN COLORADO ONLY,

In recent years no new copper discoveries of importance have been made in the entire world except in Colorado. These are now causing a great rush to the

PARADOX VALLEY.

THE KENDRICK PROMOTION COMPANY sent a representative at the earliest moment into this new district and secured over two miles in length of the largest veins discovered, also a tunnel site controlling 3000 feet square of ground of immense value. The ore carries a high per cent in copper and in addition paying quantities of gold and silver associated with the copper.

For the purpose of owning and working these claims THE PARADOX COPPER-GOLD MINING COMPANY has been organized with a capital of 1,500,000 shares of \$1.00 each, full paid and non-assessable stock, carrying no individual liability; all the claims, free from debt, have been deeded to this company which has no debt and \$2,000 cash in the treasury. One-half of the whole capital stock, 750,000 shares, has been placed in the treasury of the company to be sold for the purpose of raising money with which to develop the property. Only 100,000 shares of this treasury stock will be sold at \$50,00 per thousand shares; the next 100,000 shares will be offered at not less than \$75.00 per thousand shares.

The Kendrick Promotion Company has been in the mining stock business in Denver for the RUIT CRANKS READ THIS. - Situate past twenty years, and during that time has handled many of the large mining propositions of the state, with large profits to its customers, and has no hesitation in recommending this as one of tural Society as the best fruit garden in the State. the most promising that it has ever presented to the public. We anticipate that this stock will fram be quickly taken, and it will therefore be necessary to send in orders without delay. We handle all stocks listed on the Denver and Colorado Springs Exchanges.

# The Kendrick Promotion Co , (\$50,000 Paid in) MINING EXCHANGE,

Denver, Colorado, U.S.A.

Poultry Farms For Sale

BREEZY HILL FRUIT AND POULTRY FARM, 27 acres well divided, mowing and pasture, near one of the best markets in the State. Brick house, 10 rooms, painted, 2 open fre places, wood house, barn, milk and ice house, greenhouse for early vegetables, hot beds and sashes, hennery for 100 fowls. All buildings in good condition, high, sightly and healthy location; very fine neighborhood. Fine apple orchard in bearing, 2 peach orchards of 300 trees, 200 bearing; young orchard of apple, cherries, plums just beginning to bear; ½, acre black and red raspberries, strawberry bed, some currants and blackberries; 150 choice grape vines, bearing finely. Ready sale for vegetable plants; vegetables of all kinds grown and readl's sold, the owner having built up an established trade for all products. Will include pots, crates and boxes, upwards of 1000; also stock and tools, meaning horse, cow, fowls, and all farming tools with fruit and vegetable route. This property is free and clear; owner will sell \$1800, ½ cash. Plenty shade, shrubbery and flower bed; faces south, village in sight.

\$3000 BUYS THIS 5-ACRE FARM, all new, elevated, beautifully situated, land level and good, apples and pears. Buildings built syears, nouse has plazza and bay window, barn elapboarded and painted. Electrics pass door.

MINUTES to steam ear station, 5 minutes to electrics, 25 miles from Boston between two of the best markets in Massachusetts, 10-acre farm, all cleared land, and in fine state cultivation, 8 room house and stable, built 7 years; variety fruit; some 3000 strawberry plants set in spring of '97. One cow, harness, buggy, fowls and tools. Price \$3200.

ACRE FARM—40 apple, 20 pear, 10 peach trees, best varieties, nice well, spring and brook on place, 7 room house with shed, bare and poultry house. Price \$1200, 25 miles from Boston.

CIRAND FOR POULTRY AND GARDENTING-5¼ acres with 240 ft. frontage; 2½
in gras-, ½ plowed, balance not cultivated;
about 4 acres nearly level; 55 full grown apple
trees al: bearing (40 Baldwins, 5 sweet); 25
quince, 4 pear, 5 plum. 25 currant. Fine new
ben house 8x40; never failing weil, attractive
modern house, one year old; parlor finished in
oak handsome fireplace and mantel; remainder
in Carolina pine and cypress; nalls, parlor and
dining room have polished oak floors; china
closet with glass doors in dining room; new set
Holland shades and 2 straw mattings go with
house; house warm and sunny, cellar dry; bathroom has bowl, tub and closet; open plumbing;
house fully heated by furnace and wired for electric light; healthy location, fine view of country;
American neighborhood; hydrant near in case of
fire. Half hour's ride to Boston. Price \$4000.

J. A. WILLEY,

178 Devonshire St., - - - Bosto

CLYDE STRAWBERRY PLANTS.

84.00 per Thousand by Express.
75 cts. per Hundred, by Mail. BEVERLYS Same Price.
IS CASH. NO CATALOG.

O. R. ROBBINS, Weston, Mass.

TERMS CASH.

Our weekly mining letter sent to all applicants.

# FOR SALE BY JACOBGRAVES & CO

11 Portland St., Boston, Mass. DOGS, FANCY FOWLS.

PIGEONS, CANARY BIRDS RABBITS, and GUINEA PIGS. MEDICINES for DOGS and BIRDS. MANGE CURE WHICH BRATS THE WORLL

Also Seeds of All Kinds.

Express Business. POR SALE OR EXCHANGE.—8 miles from State St. Roston. Old Established route been doing business for the past 20 years. Property consists of 20 horses, 4 double wagons, 1 double caravan, 3 single caravans, 4 single wagons, 3 double pungs, 5 single pungs, 1 double tp cart. 1 single tip cart, 1 buggy, 1 sleigh, 4 double harnesses, 7 single harnesses, stable tools, office furniture, etc.

Apply to JASA. WILLEY,

178 Devonshire St., Boston.

# OR THE-POOR MAN'S COW. For 15 cents.

We have made arrangements with the publishers to furnish our subscribers with this valuabilitie book for only 18 cents. The author, Mrs. Jones, is one who has made a success in this lithe and knows what she is talking about. She writer in a concise, practical way, treating only of whas she has learned in her own experience, which haveen a long and varied one, and covering fully the whole subject. Any of our readers who keep cows, whether one or one hundred, will do welltaread this book. Send fifteen cents to the Mas-PLOUGHMAN ORD to Boston Mass.

# HERMES S. HEYWOOD, Purchasing Agent,

21 Milk St., Boston, Mass. Estimates Furnished on Merchandise of Every Description.

FARM HELP. Amenian Benevo'ent Assoc. of Boston fur-ishes reliable and experienced farm help. For articulars, address. OLD COLONY CHAPEL, 69 Tyler St., Boston.

lient list of experienced neip of all hatfolian is constantly on hard.

FARMERS & COACHMAN'S REGISTRY, See our Special the Eighth page. See our Special Offer on

CRANBERRY BOG FOR SALE. One of the best Cranberry Bogs in Plymouth County for sale. Located near the ocean and a railroad station, good stream of water through it; easy to drain and can be constructed for about one half what it usually costs; plenty of wines growing on it in the natural state that produce fruit of better quality than most of the Cape cranberries. For particulars apply to EDMUND HERSEY, Cedar Hedge Farm, Hingham, Mass.

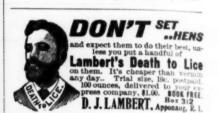
# CHAS. STEVENS.

"Star Brand" and "Beaver Brand" BONE AND POTASH FERTILIZERS,

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UNLEACHED HARDWOOD ASHES. Write me for Price List, Pamphlet and Cales-

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Apple Orchard. Wanted a snug place, with young trees preferred. Anyone having such to sell should consult J. A. WILLEY 178 DEVONSHIRE ST., BOSTON.

ham, Cohasset, Scituate, Duxbury and Marshfield, from half an acre to 200 acres, and from \$1000 upwards. The quality of the home markets and the convenience to Boston makes this section one of the most desirable for poultry and vegetable raising, as well as for summer home.

J. A. Willey, 178 Devonshire St.

Some New Hampshire Farm Bargains particulars of which can be had on ap Warner, N.H.

Henderson Dairy Co.

FOR SALE of 26 cans
2 extra fine horses 7 and
3 years old, new wagons,
pung, ice -chest, cooler,
135 large cans some jars. Single harness, blankets, etc. Milk retailed for 6 and 7c year around,
nearly all family trade. Less than 8 miles of
Boston. Apply to

JAS. A. WILLEY.

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# Farms for Sale.

24 MILES OUT.—7 acres land with personal property included. 1½ miles to Stores, Churches, Stations, etc. Soil a nice rich loam, 50 apple, pear, peach plum, cherry and quince. Currants, raspbei ries, strawberries and grapes, 50 bbis. apples in season. Cottage house 7 finished rooms, in fine repair, new barn 24x30 with cellar can keep 5 head; 2 hen houses, accommodate 200 hens. 1 horse, cow, 2 pigs. 65 fowls, 2 seated carriage, top buggy, express wagon, hay wagon, tip cart, sleigh, sled, plows and all small farming tools. Price for all \$1800.

divided into tillage, pasture and wood laurolling and free from rocks; especially a to fruit growing through this section, a above the frost line; 1½ mile to bepot stores, P. Office and Church, ½ to School good neighbors; keeps 7 head and 4 horse; 12x12; running vater supplies building Apple, 30 Pear, 100 Peach Trees, 1 acreberries, 1½ acre of Blackberries, (300 Blks. 100 crates Strawberries) 2½ story 9 rooms; good shade; barn 36x45, ell co house and barn; new shop 20x24; 2 hen hall buildings in go d condition. Frice is all buildings in go d condition. Price \$1000. down. Apply to W. D. HINDS send, Mass., who will show it by appoint J. A. WILLEY, 178 Devoushire St., Bost

TOCK FARM.—200 acres, 6 miles from the foliand Spring Horel, % to R. R. Statistores, etc. Land level, all worked by n very fertile soil, buildings at junctio roads House 9 rooms connected by roads House 9 roams connected by we to large barn 110x55, tie ups for 80 hings water before all stock; stable la plastered, cellar bottom of flat stone sides, water tight, 2 silos 60 and 120 to barn No. 2 is 40x50 for tools, grain and it g; all buildings in flue repair. Ice an inouse; 3 n fles to one creamery 6 to teams pass door, milk now sold in Port acres in orchard, grafted fruit, right i Pastures all reseeded, furnish excellences first class; great con land, large grown for canneries; 1 within 1 mile three miles, farm now carries 30 mileh horses, (pr. blk, mares 2400 lbs.) 6 st fowls, sulky plow, 2h-corn planter (plan at once) weeder, smoothing harrow, cseed sower and harrower, 3 mowing my access to the sulky plow, seed sower and harrower, 1 mowing the yators, hoes, shovels, carts and sleds. D. and S. harnesses, lead do. plow de thing in way of small tools. Farm free will consider good property near Boste banga. Price \$2000. will consider good property near Bostor change. Price \$6000. Personal sold at sal. Recent death of owner reason widow desires to sell. One of the sons seen by appointment at this office. A lent opportunity to procure a banner bere offered. J. A. WILLEY, 178 De

WORCESTER COUNTY RATTLER - 120 acres, corner location, land in his ation; first-class buildings, 2-ste 10-12 rooms, milk room, shed connected barn, celler under barn, sile, new i Water forced to all buildings. Orchard 100 apple trees, all varieties; bear heavy ear; 100 peach, bore first crop '97. with farm is a full and complete list of and machinery, 18 fine Guernsey cows pr. black horses 6 and 7 years, 2400 lbs 3 other good horses, swine and fowls. of the best retail milk routes to be familk "aerated," one half of milk sold is lu advance. All farm products are in town of 10 000 pop. 4 miles to city The chance of a life time for any practic income from the start of over \$250 m milk alone. Farm only without persoerty or milk is actually worth what wall, namely \$7000. with \$2000 down, bis actually worth what wall, namely \$7000. with \$2000 down, bis server in the start of over the same of t nortgage. Personally inspected. JAS. A. WILLEY, 178 Devoushire St. Bosto

RUITAND POULTRY BARGAIN.
land, with poultry house 17x30, L
nearly new, painted and clapboarded. ?
or barn but same can be rented near by
pertyls situated in small village; 3 m
stores P. O. Church and Schools; 3 n
R. R. Station. Land all set out to f
Nuts. 800 apple, as followes: 150 Baid
Kings 100 Ben Davis, 100 Greenin
Gravenstiens, 100 Spies, 50 Russets, 50
varieties, 250 Pears, all leading varie
peach, 240 plum, 20 cherry 20 grap, qui
gooseberries. 1000 Paragon chestnuts peach, 240 plum, 20 cherry. 20 grap, qui geoseberries. 1000 Paragon chestnuts other varieties, 12 Russian mulberry, berry, 12 buffaloberry, black raspberrie berries, some cranberries, and quantities berries, many of these trees will begin this year; 25 tons of Bone Fertilizer setting. Owner will include 3 we Im-with brooders to match and all warrante \$1600, \$1000 cash. Here is a benanza one, for in less than 5 years it will pay income. Owner has to sell on account health. J. A. WILLEY, 178 Devonsh Boston.

J. A. WILLEY,

178 Devonshire Street, Boston.

WHEN IN BOSTON, STOP AT THE

MERICAN

Mearest of the large hotels to Union Station, Steamers, business and amusement centres.

LARGEST ROOMS in the city for the price (\$1.00 per day and upward). Steam heat-and electric light in every room in the house, \$50,000. has just been spent on the house, giving patrons every modern improvement and conven-

RAILROADS.

STONINGTON LINE

TO NEW YORK.

Express train leaves Park Square Station week days at 7.60 P.M., arriving in New York at 7.00 A.M., in time to connect with all early trains Steamers Maine and New Hampshire in

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HOUSE

C. A. JONES.

### POULTRY.

Nests to Prevent Eating.

# Cheap and Bulky Food,

an

ENS

Lice

FREE.

South Wey-Hing-iarsh-from mar-s this y and

ains

rsonal itores, loam, uince. rapes. finish-

Boston

said that during the winter and early powder of some kind.

from troughs or dishes, are thrown into kept hard by vigorous exercise. the litter and soiled more or less before In this country, as the popular taste the tree a beautiful appearance. and tresh until wholly consumed.

abundance of green food. It must, diarrhæ, the milk should be boiled. ment of apiculture, for trees are val-

can be fed with profit. The green food in many instances, may be cut fine and fed with the soft food but as a rule, it is better to feed separately during the middle of the day, in such quantities

Trees in our yard planted eight years are six inches in diameter and give plenty of shade for the hammock Maples can be dug best with a strong, sharp spade, cutting a circle around the whole seed snows off so plainly on the white surface of the ashes that it is an easy matter to sow just about the right quantity of seed and sow it very evenly besides. The seed is covered by sharp spade, cutting a circle around the eat at one time. If the above directions on feeding are practically observed, there will certainly be no complaint about the egg basket getting empty.

# Fattening Chickens.

A well fattened chicken, when properly cooked, is a delicious morsel. Abroad the art of fattening is well understood; in this country too little attention is paid to the subject. If the nothing more is deemed essential. I think that poultrymen make a grave mistake by not paying more attention to this art. When the appliances absolutely necessary can be had for very means for so doing.

ing his stock comes in two forms-first, bring 15 cents per pound—that is, he four or five weeks old. would receive for 800 pound, at 15 pounds per chicken, and get five cents poultry runs. additional per pound—by no means an

elaborate appliances used abroad, a To prevent egg eating, keep the nests number of coops capable of holding, in the dark. A good arrangement is to without undue crowding, from ten to have the nests under the droppings twenty birds. The coops should be so

vantage. The fowls relish them and finement is apt to injure the health of should be gathered when ripe and not country by destroying their eggs they are easily prepared. As it is not the chickens, and as soon as health be- allowed to dry. They can be kept out- taking possession of the nests for: 1) difficult to grow ten or twenty tons of gins to fail perceptibly they will lose doors by packing in a box of sand, or own use. (7) A farm beautified by these roots per acre, their cost is not extoo, the tenderer will be the chickens. Cove the nuts three inches deep, mulch- eling public and by the farmers them-In feeding these beets to flocks of hens Every farmer knows that an old cow, ing lightly; keep down grass and weeds, selves.—Farming. a very good practice is to simply split if rapidly fattened, makes good, tender and use plenty of manure. When once the root lengthwise with a large knife. beef, but if the fattening process is started the trees increase in diameter The fowls will then be able to pick out slow, the quality of the meat deterio- about half an inch every year. Ameriall the crisp, fresh food from the ex- rates. The soft, swollen muscles of a can sweet chestnut is grown for composed surface. These large pieces have rapidly fattening chicken make much mercial purposes mostly in its natural the advantage over smaller pieces in better poultry than when the flesh is, state, but when planted in the clearance this respect, the smaller pieces, when fed so to speak, worked on and the muscles makes a good shade tree. The leaves

fact many pieces will become so dirty had, the food should be chosen accord- ular in the markets, and in selecting for that they will not, nor should they ingly. For grain, I think nothing is planting, only use from trees bearing be eaten. Large pieces cannot be better than sound, yellow corn, either good-sized plump-meated nuts. These thrown about, hence will remain clean whole, cracked or ground. For rapid fattening I prefer it ground and made ment as mentioned for the walnut. Clover during the early spring is into dough by being slightly moistened Basswood, when planted in the clearprobably one of the cheapest and best with milk. It to the corn meat is added ance, forms a pretty compact shaped foods. It is readily eaten when cut fine about 10 to 15 per cent, of ground beet head, and besides being valuable as a in a fodder cutter, and furnishes a con- scraps, the fattening will proceed more timber, shade and ornamental tree, it is siderable amount of nitrogen. If clover rapidly. For drink, nothing is better a source of the best crop of honey prois frequently mowed, fresh food of this than sweet milk, except sweet milk duced by any plant grown in Canada, kind may be obtained nearly all sum- sweetened with sugar, about a heaping and as our forests are being destroyed mer, particularly if the season is a wet tablespoonful to each gill of milk. It it would be wise to have the basswood posedly free from infection. one. Alfalfa, will also furnish an the droppings show a tendency toward planted extensively for the encourage-

and steamed makes an excellent food three weeks, and, in many cases even Basswood grows readily from seeds. for laying hens if mixed with the soft less time is necessary. I have added Sugar, or hard maple, our national of plant or bench soil, consisting of it is no wonder that it is called the two pounds to the weight of a PlyCabbages can be grown cheaply in control of the south about one-third old stable manure, oneemblem, should be planted broadcast everywhere where there is room for a control of the south, and one-third muck or rotted third sand, and one-third muck or rotted everywhere where there is room for a control of the south, and one-third muck or rotted everywhere where there is room for a control of the south, and one-third muck or rotted everywhere where there is room for a control of the south, and one-third muck or rotted everywhere where there is room for a control of the south, and one-third muck or rotted everywhere where there is room for a control of the south, and one-third muck or rotted everywhere where there is room for a control of the south, and one-third muck or rotted everywhere where there is room for a control of the south, and one-third muck or rotted everywhere where there is room for a control of the south, and one-third muck or rotted everywhere where there is room for a control of the south, and one-third muck or rotted everywhere where there is room for a control of the south, and one-third muck or rotted everywhere where there is room for a control of the south, and one-third muck or rotted everywhere where there is room for a control of the south, and one-third muck or rotted everywhere where there is room for a control of the south, and the south and the many localities and make excellent without keeping him as closely confined tree, as it may be had in most localities sods, rich garden soil, etc. Over this I the soils of this section many localities and make excellent the soils of this section many localities and make excellent the soils of this section many localities and make excellent the soils of this section many localities and make excellent the soils of this section many localities and make excellent the soils of this section many localities and make excellent the soils of this section many localities and make excellent the soils of this section many localities and make excellent the soils of this section many localities and make excellent the soils of this section many localities and make excellent the soils of this section many localities and make excellent the soils of this section many localities and make excellent the soils of this section many localities and make excellent the soils of this section many localities and make excellent the soils of this section many localities are local to the soils of this section many localities are local to the soils of this section many localities are local to the soils of this section many local tree, as it may be had in most localities are local to the soils of this section many local tree, as it may be had in most local many localities and make excellent green food so long as they can be kept as I deem best for fattening chickens. for digging. It grows a symmetricalfresh and crisp. Kale and beet leaves This bird was alone in a coop about shaped head when properly planted and fresh and crisp. Kale and beet leaves are equally as good and readily eaten. Sweet apples are also suitable, and in fact, almost any crisp, fresh, green food considerable exercise. Quite a number variety of soils than the hard maple.

that the fowls have about all they can gave them water to drink and fed them trees 25 to 30 inches in diameter and sifting evenly over the whole surface of wholly on yellow corn; and the results lifting out the plant with what soil and the bed, say to a depth of a half or she obtained were extremely satisfac- leaves adhere to it. Cut off all branches three-quarter inch, some clean sand or tory, for her chickens were fat, yellow and saw off the top not more than seven a mixture of clean sand and sifted coal and commanded the best market prices. feet from the roots. The trees that ashes. And yet she took but little more care have given us the best growth were one poultrymen take of their growing foot from the ground when planted. flocks. They were fed and watered When growth starts rub off all buds exsionally, that was all. Her success in to form a head. fattening chickens led me to take more Norway spruce is the best evergreen methods almost as simple as hers, that wind-break or as an ornamental tree. gave us even better results, because It makes a dense upright growth of uni-

# Poultry Notes.

Economy of labor is not given suffi. little expense, and when the cost of fat- cient attention in most large poultry tening need not be very much, there is plants. But some of the most complete little excuse for not employing the establishments already have automatic arrangements for feeding the hens, mak-The return to the producer for fatten- ing them exercise and cleaning the pens.

by an increase in the weight of the On farms where there is grain to be chickens, and second, by an increase sifted the screenings make a cheap and in the price per pound. Suppose, for satisfactory food for young chickens. example, the poultryman has two hun- Even the weed seeds have some feeding dred chickens to sell which, unfattened, value and give variety. But such food would average four pounds each and should not be given until the chicks are

cents per pound, \$120. Now, suppose The great advantage of a gravelly loby fattening them he makes them weigh cation for a hen yard is that no grit but one pound more each-a small gain need be supplied in summer. If the -and he gets but two cents per pound ground is dug up occasionally the hens increase in price (a sum frequently will find all they need. Another adgreatly exceeded); his chickens will vantage of gravelly locations is that bring him, 1000 pounds at 17 cents, they are always dry and healthy. Apple \$170, an advance of \$50-a very con- trees will thrive well on such soil and venient little sum. Should be add two orchards so located makes the best of

Additional per pound—by no means an extravagant hypothesis—he will raise his \$120 to \$240, exactly double what he would have received in the unfatted condition. That it does pay to fatten the chickens follows very naturally from the fact, without the illustrations we have used, that in England there are men who men be conditionally and the condition and the same conditions about 175 men who men be comed and little white on belly. Sire Brown Re-sie's Sun, sire of 6 in 14 th list. Dam. Indugence, 34 this, 1½ oz in 14 days, by Young Combination, sire of 4 in 14 th. list, 2d dam. Islip Lenox, 19 fbs. 2 oz., 712 fbs. 8 oz in one year, was in the 90 and 30 cays' tests at the World's Fair, Chicago, we have used, that in England there are cas under the same conditions about 175 men who men who men the fact, without the illustrations are cas under the same conditions about 175 men who men the fact, without the illustrations are cas under the same conditions about 175 men who men the fact, without the illustrations are cas under the same conditions about 175 men who men the fact, without the illustrations are cas under the same conditions about 175 men who men the fact, without the illustrations are cas under the same conditions about 175 men who men the fact, without the illustrations are cas under the same conditions about 175 men who men the fact, without the illustrations are cas under the same conditions about 175 men who men the fact, without the illustrations are cas under the same conditions about 175 men who men the fact, without the illustrations are cas under the same conditions about 175 men who men the fact, without the illustrations are cas under the same conditions about 175 men the fact, without the illustrations are cas under the same conditions about 175 men the fact, without the illustrations are cas under the same conditions about 175 men the fact, with the with the with the with white the with white star in forehead and little white on belly. Sire Brown men the fact, with the gives his raspberries an

about 130. Pekin ducks lay about 130 well worth the land they occupy. Without adopting the more or less eggs. Geese 20 to 40.

and Wind-Breaks.

are nicely serrated and glossy, giving

I have insisted on the rapidity in op- uable to fruit-growers and farmers as

condition. The writer does not favor in the Practical Farmar. planting trees any thicker than they are to remain, except where straight long trunks are required for timber, for it requires more courage than most men have to thin out a row of trees when once they are established. The farmers at the Institute meeting at Glen Allen, than a similar farm along side, other improvements being the same. Where to the highest degree of fertility, and

encourage insects and fungus growth. (2) Encroachment—adjacent crops will

chase unfattened chickens, fatten and about 150. Brahmas and Cochins break of line or ornamental trees are fine quality, enters a market it creates

great gain can be made by preparing a Planting and Care of Shade Trees being hurried in the air by heavy winds. of his competitors, thus attracting trade board, provided the board is cleaned constructed as to be quite dark, except Farmers generally do not take advan- port of the Superintendent of Farmers' baskets, and does not put inferior fruit every day. Have the nests facing the in front, and after feeding, the fronts tage of the very easy and sure way of Institutes for 1895-6, page 60, which in the bottom, finishing them off with a partition and boxes for the hens to en- should be closed by hanging burlaps adding value to their real estate by shows that wind hastens the moisture few berries; but puts the best berries over them. I have seen used mere planting our native trees in neat lines out of the soil. (2) Protection of in the bottom, which agreeably sur-When the nests are dark the hens are boxes with laths nailed across the front. along road-sides and lanes, around bloom from cold, rough weather will prises his customers. less likely to fight over nests thus break- In these coops chickens of the same sex buildings and yards, in clumps on waste ensure a good crop which might from He takes pride in his personal appearing the eggs. The back side of the and as nearly of an age and size as pos- or unsightly places, or bluffs that are exposure result in a light yield. (3) ance and his customers know him as nests boxes should be fixed so that they sible should be confined. Opposite too rough for cultivation. These places Snow and leaves are retained and help that pleasant looking man who brings can be raised and the eggs taken out sexes should not be confined together, planted with black walnut I believe to retard fruit bloom in localities subject us such nice berries, and the little folks when wanted. Do not have the nests so for they will be more uneasy and fatten will be as good an investment as the to late spring frosts. (4) Less injury along his route, with whom he has made shallow that the eggs will be knocked less rapidly, if they are. They should same area of apple orchard on suitable is sustained from wind when trees are friends, herald his appearance with out and broken. Collect the eggs fre- be of about the same age and size to soil, although dividends will not be loaded with ice which ruins so many "here comes the berry man." quently. It eggs are not broken in the prevent the overbearing conduct that realized from the walnut timber as early fruit trees; also the loss from windfalls The up-to-date fruit grower often fertilized from the walnut timber as early fruit trees; also the loss from windfalls nest the hens are not likely to begin the large chickens show toward smaller as from the apples. American black is reduced. (5) Erect growth in fruit leads those in his vicinity, though not walnut can be grown better by plant- trees is difficult without protection from necessarily every other person follow-The coops should be cleaned out daily ing the nuts directly where the trees are prevailing winds. (6) Encouragement ing his profession; for this is a large to prevent the unpleasant odor that wanted, as the walnut is a little diffi- of insectivorous birds. This advantage country and many smart, wide-a-wake arises from droppings and which is cult to transplant owing to the large alone is worth the land and care re-The question how to supply the best inimical to sealth, as well as to prevent tap-root and the absence of fibrous quired to have a good wind-break where food the most cheaply is one that each vermin from multiplying. The chick- roots. This condition applies to most the birds will build their nests and bear individual must solve largely for him- ens should be carefully treated for ver- of the nut-bearing trees. The walnut their young largely on insects that min before they are put into the coops, begins to bear at Picton when planted destroy our crops. These birds and In a general way, however, it may be by dusting them thoroughly with insect from the nursery in about eight to ten their nests should be protected by legisyears, and although the nuts are quite lation, including the extermination of spring months, mangel-wurtzels, if The fattening should be done as rap. strong flavored they are relished by the English sparrows which are driving properly kept, may be fed to good ad- idly as possible. Too long close con- some people. For planting, the nuts useful and friendly birds out of th

# Onion Plants Damping Off.

asked, what causes onion plants in a the mineral matter needed by the plant. our hot-bed operations at various times, tile alluvial bottoms to barren uplands being consumed by the fowls, and in demands as yellow a chicken as can be Hickory nuts have become quite popor to be able to get entirely rid of it 6. Its rapid growth enables the farmer always. It is much easier, however, to in the South to grow two crops a year keep our plants free from attacks in the on the same soil. ably what makes the plants so subject crop. to the disease.

The point of attack is always at the known to the Southern farmer, every stem just below or near the surface of kind of crops grow well after it. the ground. As proper sateguards I 9. On the alluvial lands of the Missis-

had a case of "damping off") viz: The tion during the entire growing season.

We always take good care to have the of these fattening chickens than most and a half to two inches in diameter a soil in the bottom of the bench quite there will be but little necessity of regularly and their coops cleaned occa- cept a few at the top of the bare trunk heavy watering for some time after. The seed usually comes up very promp'ly. The chief object of the whole soil interest in the operation and to employ for practical use in Ontario, either as a plants, where liable to the attacks of the damping off fungus, grow in a soil that run at large during the whole time, quicker than she obtained.—Country form shape and is very attractive planted alone or alternately with deciduous none can be expected to be safer in this varieties. Keep trees well mulched respect than clean sand fresh from the which comes nearest to their natural river side, and coal ashes .- T. Greiner

# An Up-to-date Fruit Grower.

The up-to-date fruit grower is a wideawake man or woman, and does not follow in the ruts made by the preceding generation of fruit growers. He reads estimated a farm having 100 shade trees his line of work, and is not slow to everything that he can get pertaining to "catch on" to new ideas.

young trees can be found not more than fits it with the object in view of getting 100 trees can be selected, dug, trimmed every particle of soil into that condition and planted for \$5, if the work had to ground for the large number of roots be hired, but most farmers are stronghanded enough to plant 100 trees every that it may bring to maturity its quota Possible Injuries.—(1) Where planted sets nothing but the strongest and most too thickly so as to form a windstop, thrifty plants in the best possible manwhich is not desirable. A free circulaner, and cultivates them after the most approved method. He gives his plants protection during the freezing and thawcertainly be injured, but a good wind- his strawberries during the picking season, to keep the fruit from becoming

men who make it their business to pureggs. Plymouth Rock; and Wyandottes

a sensation, hence the up-to-date frui Decided Advantages .- Evaporation is grower tests the new varieties as they lessened and the moisture in the soil as- come out, so that when a really valuable similated by growing crops instead of variety is introduced he has it in advance can be raised at a profit, and

For illustration of this point, refer to to himself. He has no fear of a "glut" Prof. Panton's experiment in the Re- in the market because he uses full quart fertilized. Most fertilizers do

men are engaged in fruit growing; but he may, and does, keep up with the procession, even though he has to hang Michigan Farmer.

# The Advantages of Cow Peas.

Dr. Stubbs, of Louisiana station, in ming up the advantages of the cowgives these points:

It is a nitrogen gatherer.

It shades the soil in summer, keeping it in condition most suitable to rapid nitrification, and leaves the soil friable and loose, in the best condition for a future crop.

3. It has a large root development, and hence pumps up from great depths The old troublesome question, is and large areas the water, and with it

hot-bed to damp off? We have had 4. Its adaptability to all kinds of soils, much trouble with this fungus disease in stiffest clays to most porous sands. ferand, in fact, have not yet learned enough 5. It stands the heat and sunshine of

that the want of ventilation or of other growth and shade, effectually smother natural and proper conditions is prob- all weeds, and thus serve as a cleansing

consider the use of new soil that is sup- sippi bottoms it serves to pump off excessive water, evaporating it through its I now make my onion plant beds as its great foliage, thus keeping the soil follows (and since doing that have not in a condition for most rapid nitrificabundance of green food. It must, where insisted on the rapidity in opweever be cut frequently.

I have insisted on the rapidity in opweever be cut frequently.

I have insisted on the rapidity in opthey insure tertilization of flowers.

A good quality of clover hay cut fine

A good quality of clover hay cut fine

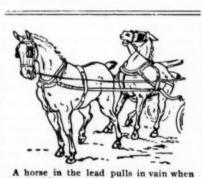
A good quality of clover hay cut fine

Basswood grows readily from seeds.

In a case of "damping on") viz: The
bench is filled up to within an inch of
they insure tertilization of flowers.

Basswood grows readily from seeds.

can be fed with profit. The green food of chickens for fattening could be con-



the wheel horse lays back in the breeching

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When the head aches, the appetite is poor, the sleep is restless, the nerves are shaky and both body and brain suffer from dull-ness and lassitude, it is time to resort to

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# Vegetables

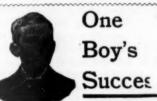
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BOSTON, MAY 7, 1898.

address of their paper must state where and an honest and public spirited man. the paper has been sent as well as the His business sagacity and integrity caused new direction.

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THE girls of the farm ought to be the healthiest of them all. A flower garden farm. For years he was agricultural editor will do them more good than an apothecary shop.

THE ruddy complexion of the farmer if it were in fashion the year round.

may pay for the man who hires him.

for the farmers.

ments are receiving scant attention in garden. Congress and the various state legislatures. After voting millions for war exeasily for expense which can be put off has come to light in Northampton, where ably comparatively light. penses, the public purse does not open

failure of its investigations. The special present whereabouts are unknown. commission has been considering the various projects offered for improving and simplyfying the tax system of the state aroused as to the action of the board of aggressive move upon Cuba, the taking operations in the Atlantic. The intention is to follow up this victory with an aggressive move upon Cuba, the taking production and value of the principal the cost of the commission has been considering the various projects offered for improving and simplyfying the tax system of the state aroused as to the action of the board of aggressive move upon Cuba, the taking production and value of the principal to give their whole action to give th commission has been considering the vaconsiderable. It was hoped that definite ing licenses about the new South Union results might be secured but the legisla-station. In the past, the various railroad tive committee has failed to recommend stations of the city have been rallying from the water, and troops are massed at tion of wheat 530,000,000 bushels, valued "In a word, the legislation on this mittee. The difficulty seems to be that liquor saloons, and a strong effort has this movement. This plan may be 000,000 bushels valued at \$148,000,000; production of oats 100, public opinion; and, as a committee, we sonal property and throw the tax on real the new station free from such influences. estate, a measure which no legislature Governor Wolcott personally wrote in rewith any regard for public opinion would gard to the matter to the board, Presidare to adopt. Having no good substident Clark of the N. Y., N. H. & H. R. R. tute measure ready, it appears that noth- also expressed himself opposed to the ing will be done this session. It is an granting of licenses in the vicinity of the other case of big cost and triffing results. station and many other leading citizens Spanish will make one supreme effort to at \$401,000,000. Such outcomes strengthen the popular have expressed themselves vigorously on prejudice against a horde of commissions the subject, thus voicing the best sentiwith which the state is over-run.

gress, having attained serious attention iu free from liquor saloons. the Massachusetts legislature this season. The proposed measure is exciting a good deal of debate. The lawmakers heavy snow storms. Some country leg- ley of the government, is, however, to islators consider the measure practicable and the expense is placed from \$7 to which the proposed changes in tires must themselves do not seem very anxious for men employed in working on the new the change, and the delay of several years defences. Though the batteries fired bewill give them a chance to learn the tween eighty or ninety shots at the merits of the plan. If wide tires are goof road repairs to a certain extent the the poor aim of the Spanish gunners. farmers will want them, but as yet they About twenty minutes sufficed for the seem hardly convinced that the expense involved will be worth while. If the law is enacted too far in advance of public opinion, it will be nothing but a dead

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Hall's Catarrh Cure is taken internally, acting directly upon the blood and mucous surfaces of the system. Testimonials sent free. Price 75c. per bottle. Sold by all Druggists.

## CURRENT TOPICS.

Persons desiring a change in the Boston, foremost in every good work, strength of the fortifications. him to be much sought for as director of various business enterprises, and he was was a director of the Quincy Fire Insurance Company; of the First National BETTER try to learn something new Bank, Boston; of the Newton National ton Savings Bank, besides being connected with many other institutions. His native city of Newton chose him as its first mayor, and he represented it in the legis. lature when he was but thirty one years old. He was well known in the agricultural world. Mr. Hyde's father was a farmer and nurseryman, being one of the first in the state to engage in the latter bus iness and brought up his children on the siderable for other papers.

Fo: \years he served on the State Board ulture, being appointed by the will be in fashion for the next six months. or as one of the delegates at large Better for the health of the city people, and serving with Colonel M. P. Wilder and Professor Agassiz. He was president of the Massachusetts Horticultural Society Northing will take the spring out of for four years, and was instrumental in mind and body like overwork. It never organizing the Newton Horticultural pays for the man who does it, though it Society, serving as president two years. Throughout his entire life he was greatly interested in horticulture, agriculture, JUDGING from the rate at which farm and floriculture. The claim is made that products have been going up in price he cultivated nearly one thousand differ. lately, 1898 will be a prosperous season ent plants and trees about the old homestead where he was born, and that his collection of wild flowers was as exten THE various bills for internal improve- sive as can be found in a large botanical

it has been discovered that Lewis Warner. presidentof the Hampshire National Bank Many a good farm hand comes back to and treasurer of the Hampshire County Manila and the main land, the cable opportunity for developing the trade for the farm in spring well nigh spoiled by Savings Bank, has defrauded those instihis winter in the city where he has spent tutions to the amount of some three hunhis summer's savings, and become de- dred thousand dollars. Mr. Warner had the moralized by loafing and irregular living. confidence and trust of the whole The only really satisfactory way is to community and had held many positions manage to keep a good man the year of honor in that section of the state, being quite prominent in politics. The fact that the two banks had been carried THE spring is doubtless a week or two on under the same management made it earlier than the average and would have easy to cover the deficiencies by the been earlier yet if it had not been for the exchange of the two banks' securities recently prolonged cold spell. On ac- when either one was being examined. A count of the excess of rain or stormy simultaneous examination brought the weather during April, farm work has been wrong to light. This event illustrates the delayed, and although a good deal of danger of such close connection between ploughing has been done, but a small pro- two banking institutions, a fact which portion of crops have been put into the has been previously recognized, and an attempt was made in this state recently to The taxation committee in the Massa
The taxation committee in the Ma The taxation committee in the Massa- against this evil, but it failed. Mr. War- Philippines is likely to be great. It will been so favorable for an extension of chusetts legislature has made a complete ner is a fugitive from justice, and his doubtless tend to greatly shorten the heen so favorable for an extension of recommend them; and change in long-

ment of the community. It is now announced that these protests are to be THE wide tire crusade is making pro- heeded and this neighborhood is to be kept

one million and the wide tires would in- closure of the plans would increase the Bourbons, the reigning dynasty. Madrid forestry methods is to be made and a for the lavish expenditure by a corresterfere with the use of the teams after chances of defeat and disaster. The polis at present under martial law. force the war to a quick conclusion, for the sake of both parties concerned, as \$15 per vehicle. It was said that wide well as to carry relief to the Cubans. Two is proposed by M. Berlier, who lately Wisconsin, a great lumber state. The tires would save from seventeen to fifty engagements have taken place at the date drove the tunnel under the Seine for the publication is the result of a careful invesper cent of the power of the team on of this writing, one at Matanzas, Cuba, sewage disposal of Paris. Aside from its tigation and study of the state, by Mr. average fields and twenty-five per cent which might be called an experimental assumed commercial use, Mr. Berlier tells Filibert Roth, a forest expert, and is acon the highway. The tires would act as one, and the other at Manila, the chief the French people that it would be ex- companied by an outline by B. E. Fernow. rollers and improve instead of injuring city of the Philippines. Three vessels tremely valuable in connecting France chief of the Forestry Division, of a plan the roads. The bill gives until 1901 in of Admiral Sampson's fleet on Wednes- with Algeria in case of any trouble with which, if adopted, would later result in day of last week bombarded the batteries England, which now controls the surface an ideal and profitable condition in that be made. This dating ahead is a wise in Matanzas harbor, silencing their guns of the strait with its fortifications and state. The facts set forth in the report provision because as yet the farmers and driving away the garrisons and the powerful navy. merits of the plan. If wide tires are go-ing to save power and lessen the expense range, not one of them was hit, owing to Last season most of these were imported

> operations against Havana the easier. Matanzas is a city of about thirty-six thousand inhabitants has a fine harbor, and is connected with Havana by two railroad lines, from which it is but fiftytwo miles distant. Commercially, it ranks next to Havana among Cuban ports. Its fine bay, sheltered from all but northeast winds, is capable of affording anchorage for hundreds of vessels. These advantages

> wrecking of the Spanish batteries by the

big guns of our vessels, and the Spanish

were probably two reasons that in-

fluenced Admiral Sampson in choosing

Matanzas for the point of attack: First,

the moral effect it would have on both

the Spaniards and the Cubans; and sec-

render Matanzas an admirable base for operations against the capital of Cuba, "A good man gone" is the thought of mibits the plans have not been made public, it may be that this port is to be all as they read the announcement of the made a base of operations in an active death of Hon. James F. C. Hyde campaign on the island, and this prelimfor more than fifty years a leading inary bombardment may have been for real estate and insurance man of the purpose of finding out the real

But the keenest interest the past week has centered about the movements of the the oldest but one of the directors of the American squadron in the Pacific, com-GET a good start in May and the other John Hancock Life Insurance Co. He manded by Commodore Dewey. At the time of the declaration of war, the squadron lay in the English port of Hongi Kong but when England declared neutrality, it was obliged to leave port and was thus deprived of all coal supplies. In order to establish a base of supplies for litself and also to cripple the Spanish navy in Pacific waters, an attack must be made on Manila, the chief city of the Philippartment of Agriculture is just issuing pine Islands. A Spanish fleet was star-some interesting figures showing a steamed the squadron under cover of the which, therefore, can be delivered to him darkness and opened fire upon the Span- cheaper than ever before. The tendency and as great as the value of our total their aim was poorly directed, although whom he deals. they fought courageously. The two hours' combat ended in the entire annihiltwo Spanish cruisers, the sinking of the Orient. Our consul-general at Banganother and serious damage to the kok writes: "There are some American remainder Owing to the interruption of manufacturers and exporters who are communication with Manila, details as to bending their energies to developing our the loss the Americans have sustained trade with China and Japan and they are

> been made by Commodore Dewey for the 000,000. surrender of Manila, which had been refused and bombardment had begun. There have been rumors that the city has procity trade with the Republics of South such is not the fact. capitulated but they have not been veri- America comes in an official report from fled. The city of Manila is in reality the American minister at Caracas, stating community is one thing, to revolutionize between two fires, as the natives of the that a United States warehouse has been an existing system, quite another. It island are in insurrection, and the Ameri- opened there and that it is to contain a should be remembered, too, that legislahas been received by the United States ucts and manufactures. The exhibit is direct from Commodore Dewey, all infor- under the management of American mermation having come by way of Madrid or chants and exporters, whose idea is to dis-

war, and will leave our naval force in American trade in that country. position to give their whole attention to Tampa, Fla., in readiness to carry out at \$428,000,000; production of oats 700,- subject cannot be much in advance of retrieve themselves, and their movements rumor being that the intention is to

-The extent to which ball bearings are now employed is shown by the importation of at least 200,000,000 balls a year. from Schweinfurt, Germany, where the largest manufactory of steel balls in the world is located. Recently, however, a loss was probably considerable. There company has been formed in Allentown, holders of the Germany company, and capital has been subscribed for the erection of large works at that place for the manufacture of steel balls. The plant is to have a capacity equal at least to the would make its occupation as a base of importation demand of last year, namely

Are much in fittle; always ready, efficient, satisfactory; prevent a cold or fever, cure all liver ills, sick head-sche jaundles constitution of the live six cents.



# Washington News.

The Division of Statistics of the Depine Islands. A Spanish fleet was sta- some interesting figures showing a tioned in Manila harbor, under albrave steady reduction in the freight rates of spent forty million dollars toward recommander, but its strength was much the various transportation companies of foresting waste lands. In Prussia, be less than that of the Americans, the latter the country, since the war. In every in- tween 1867 and 1895, over five million including the Olympia, which has long stance, there has been a marked decrease dollars were spent in increasing the held the world's record for speed for in the rates charged for various articles of forest area of the government and each cruisers of her class. When the superior merchandise. In most cases, the rates year's budget contains a considerable strength of the Americans was learned have been reduced over half while in some item for such purpose, those of 1895 and by the Spanish commander, he wisely cases the present rates are less than one. 1896 carrying five hundred thousand held his fleet in the harbor of Manila, fourth what they were twenty years ago. dollars each for such use. The Departwhere the forts and the squadron could This reduction applies not only to rates ment of Agriculture now estimates the together form a strong combination. on farm products which the farmer must value of the annual forest product to be The Americans, however, were equal to transport to his market, but as well fully one billion dollars, a sum practithe occasion. Straight into the bay on the articles which he must buy and cally equalling the value of the 1897 comish squadron. The Spaniards replied is, as shown by the report, to constantly enormous exports. vigorously both from the forts and the cheapen freight rates and thus bring the squadron but without avail, especially as farmer in closer touch with those with

MARKETS IN THE FAR EAST. A State Department report just received ation of the Spanish fleet, the burning of indicates great activity in the markets of A defalcation causing great surprise have not been received, but it was probmeeting with extraordinary success, which goes to prove my claim that the market is here and only awaits a proper All communication has ceased between campaign for its conquest. There is great having been cut, so that no authoritative agricultural products in this trans-Pacific information has been received, but the market with its population of 300,000,000 last reports indicated that a demand had and its foreign trade during 1897 of \$600,-

## VENEZUELA.

play the products of American agricul-ent system which are charged against it,

THE CROPS OF 1897.

Havana, while the squadron attacks it value at \$501,000,000; the total produc- ing conditions. changed, however, or delayed at least production of barley, 66,000,000 bushels, are not satisfied that this mandate has whereabouts of the Spanish fleet which rye 27,000,000 bushels, valued at \$12,000,- changes." left the Cape Verde Islands under sealed 000; the production of potatoes 165,000,- In the House of Representatives, the orders. Swift cruisers are to be sent out | 000 bushels. valued at \$90,000,000; the | bill to improve Green Harbor, in the to locate them. It is rumored that the production of hay 60,000,000 tons valued town of Marshfield, was passed to be

PRACTICAL FORESTRY.

The state of New York seems alive to pended in 1898. attack the northern Atlantic coast, the general forest depletion now going on Cruisers are being sent north to protect throughout the country, and last year IT appears that the action of the Massaforestry probably established.

-A tunnel under the Strait of Gibraltar ment treating of the forest conditions of have secured its \$65,000. that 7,000,000 acres of Northern Wisconsin are poor farm land, i. e., forest soil proper, means, says Mr. Fernow, that the state should, as far as possible, prevent the cabinet reduces freight rates on food artioccupation of this area by farmers, since cles fifty per cent. such occupation can only lead to pauperization of farmers and lands.

Wisconsin, with a population of about to England in cold storage. 2,000,000, the report states, and a taxable property of about \$500,000,000, has a a year in Hungary, 308 in the United home consumption of over 600,000,000 States, 278 in England and 267 in Russia. feet, board measure, of lumper, beside enormous quantities of other wood material, which, if imported, would cost the state over \$25,000,000. Of its northern half-a land surface of over 18,000,000 acres-only seven per cent. is cultivated, plague in India so far, according to a the rest forming one continuous body of recent report by the secretary for India in forest and waste land. From this area Parliament. there have been cut during the last ten years over 30,000,000 feet of pine lumber selves at the United States consulate at the missionaries. alone. The lumbering industries in 1890 Athens, seeking enlistment in the United represented one-sixth of the total taxable States forces for the war against Spain. London at the age of seventy had been a sons. This is sure proof that the project property of the state, paying to over -Standard Hill Farm, near Northaller- smoker since he was seventeen. During of selling the grounds has been given up 55,000 men more than \$15,000,000 in wages, ton, on which the battle of the standard that time he kept a diary, in which he until a more favorable season, the negoand the value of their products, amount- between King Stephen and the Empress recorded that he had smoked 328,713 tiations previously noted in these cola third of the entire output of agriculture sale.

of the state. To this amount, \$25,000,000 must be added per annum, the proceeds of the forest products developed in the state. Of an original stand of 130,000, 000,000 feet of pine, only about 17,000, 000,000 are left. In almost every town of this region, logging has been carried on and over 8,000,000 of the seventeer million acres of forest are "cut-over" lands, largely burned, and waste-brush lands. This is the class of land which it is suggested that the state should possess for forestry purposes.

Foreign countries recognize the fact that the state should possess itself of all truly forest soils, such as are, on account of their character or location, unfit for agriculture, and which should be maintained in forest to prevent erosion of slopes, blowing of sand dunes, danger to water courses, etc. In France the government has increased its holdings in the bined wheat, corn, oat and rye product,

GUY E. MITCHELL.

## Beacon Hill Notes.

The committee on taxation, after spending many days listening to testimony from many sources in regard to proposed taxation legislation and stirring up much discussion, has reported at last adversely on all proposed changes in the tax laws. The majority report of the committee is as follow :

"In announcing its conclusions the committee is aware that much disappointment is likely to be felt, both by those who think that our present system should be changed, and by those who think that, while it is correct in principle, it should be more stringently administered. Its conclusions are reached not because the committee feels that there is no room for improvement in the present system, or Another evidence of the growing reci-

can squadron lies before the city. No news permanent exposition of American prodresponse to a pressing and widespread demand for it.

"Admitting all the defects in the presture and labor with a view to the widensecure legislation which should guard The moral effect of the victory in the ing of our markets in Venezuela. Our minthe prudent legislator must be confident that the changes proposed will make conestablished customs must come to meet COSTS the wishes of the average opinion-they of a port on that island and the landing crops of 1897. It reports the total pro- they be too long retarded, to avoid offend-

engrossed after the amendment which provides that not more than \$30,000 of the appropriation of \$67,000 shall be ex-

this section, and the flying squadron is spent \$1,000,000 for the purchase of forest chusetts legislature in refusing to grant being held in readiness to be sent north or lands, in addition to the 700,000 acres she an appropriation to the cattle commission south as needed. Meanwhile, internal previously owned, and this year voted was due in part, to the opposition in a few There is much uncertainly in regard to troubles give the Spanish government another half million for the same purpose. localities of any kind of a tuberculosis from the country generally favor the the plans and movements of the Ameri- almost as much anxiety as external ones, She has just established a forest experibill, while those from the large cities op- can squadrons and the army which has for the dissensions caused by the Carlists ment in the Adirondacks with an area of for war expenses probably had more to pose it. A Boston senator said that wide been gathered together on the Atlantic and Weylerists are so serious that they 30,000 acres under the direction of Cornell do with the vote than any other influence. tires would cost teamsters of that city seaboard, and necessarily so, for the dis- may lead to the final overthrow of the University. A demonstration of practical The law makers felt like compensating ponding streak of economy. Had the An interesting document is just about to vote on the appropriation come early in be published by the Agricultural Depart- the season the commission would probably

# World Over.

-Norway's Storthing has adopted uni. versal male suffrage.

-The Provincetown schooner Alice has been burned at Monrovia, Africa.

-The regular army wants to enlist three thousand Georgia and Tennessee

-Owing to bread riots in Italy, the

-English brook trout grown in the New Zealand rivers is now exported back

-Laboring men have 312 working days -A pedestrian succeeded the other day in setting foot, in the course of five hours and forty minutes, in seven German states.

-There have been 71,000 deaths from





# UNIVERSAL WEEDER & CULTIVATOR

REASON

The Universal has many points of superiority over other weeders, foremost of which is the movable tooth-board which governs the elasticity of the fingers and makes it possible to do effective work on all crops and soils. NO OTHER WEEDER HAS THIS DEVICE. The Universal Weeder will increase your crops and save labor enough in one year to pay for itself.

Permanent Tooth Weeders at \$4.50 and Removable Tooth at \$5.50 Each. Cash to accompany order

Don't put off buying when you can get a machine at these prices, but Write to-day for circulars and agent's terms.

THOMAS J. GREY, Manufacturer, 32 So. Market St., BOSTON

# Woodside Poultry and Fruit Farms

# BUSINESS:

BIRDS. BUFF and WHITE | Plymouth Rocks, Wyandottes.

FERTILE EGGS WELL PACKED. \$2, per 15;-\$5, per 50. Grand Stock for Sale-all times

All Orders promptly filled.

BERRIES. STRAWBERRIES | Clyde, 81 per 100. | Haverland, Brandywine BLACKBERRIES | Agawsm. CURRANTS | Cherry. JAPAN PLUMS
| Sest Assorted Varieties

ABEL F. STEVENS & CO., Wellesley, Mass.





BELCHER & TAYLOR A.T. CO.Box 117 Ohicopec Falls, Mass.

-The Rio and Santos coffee crop is esti mated at 10,500,000 bags. -Protestant missions in China have of

late been making rapid advances, owing to the fact that Government officials, from -Many Greeks are presenting them- the emporer down, stand by and support Agricultural Society has been instructed

-A gentleman who recently died in this year as has been done in former seaing to \$35,000,000 was equal to more than Maud was fought in 1138, is offered for cigars, 43,539 of which were gifts. Those umns having fallen through owing to the he paid for cost him 20,850.

-Spain intimates that privateering w be resorted to only when the Spanish fleet has suffered defeat.

-Secretary Bowker of the Worceste to rent the grounds of the society again upcertainty of the business situation.

# MARKETS. BOSTON LIVE STOCK MARKET

for Western and moderate Sales Northern.-Sheep Steady.-Hogs from North 1-8 to 1-4c higher-Veal calves 1-4c ... Horse market quiet

Reported for Mass. Ploughman Week ending May 4. 1898.

Cattle. Sheep. Shotes. Hogs. Veals 3,489 10,481 247 24,912 3,429 4,025 8,264 210 14,262 2,079 4,308 12,600 295 28,720 2,982 Horses.....500

AND SHEEP FROM SEVERAL STATES Cattle, Sheep. Cattle. Sheer ......3,489 10,481

AND SHEEP BY RAILBOADS, ETC. Total......3,489 10,481

Values on Northern Cattle, etc.

Per hundred pounds on total weight of flow and meat, extra, \$5 25 \( \) 55 75; first \$4 75 \( \) 50; econd quality, \$4 25 \( \) 45 50; mailty, \$3 75 \( \) 40; a few choice single is orige 50; some of the poorest, bulls, Working Ozen.—\$60@130; handy steers, \$50 gloo, or much according to all the state of the cows and Young Calves.—Fair quality, \$20@ 18; extra. \$40@48; fancy mileh cows, \$50@60; arrow and dry, \$12@22.

Thin young cattle for farmers: year-16; two-year-olds, \$12@22; three-yearids, \$20,000. Sheep.—Per pound, live weight, 21/2@3c;extra, 14,44/5c; sheep and lambs per head, in lots 1,502\$5 00; lambs, 43/2@51/2c.

Fat Hogs.—Per pound 4@44c, live weight motes, wholesale,...; retail, \$150@\$550; county fressed hogs, 4%@5c, Veal Calves .- 3.5 1/20 P lb. gides. - Brighton, 7@7%c Ptb; country lots

Skins,-60c@\$140. Oairy Skins, 30@ -70c@\$1 10 each; country lots, 70c@

ARRIVALS AT THE DIFFERENT VARDS. CATTLE. SHEEP. HOGS. VEALS. HORSES rtown, 2,090 9,324 12,092 2,732 420 100... 1,399 1,157 12,820 697 80

deneral Live Stock Notes.

e supply in cattle not heavy but sufficient to prices without change of position on westand eastern not considered quite up to last k's figures. It was a week when the requirests were light and the prices shaky. Values heep a trific easter and certainly no higher; tern year, ing at 4% @504c it and old sheep 3gc, and a basis upon which owners were ing to sell their flocks. Hogs firm on western northern at 4%c his her range. The largest run skest his season and prices rulled easier by its Plenty of mich cows on sale with marsteady as quoted a week ago. Fat hogs are a present supply held steady. Horse market of sale and prices more favorable to buy

Canada At Watertown J A Hatha-1 J Gould Massachusetts.
At Watertown.
J S Henry 10
WA Bardwell....4 20 ws.... 29

Brighton fe 15 s 17 E Eames 115 Western
At Brighton.
A Davis 16
A S Goodwin 16
F W Dyer
W N Chamberlin
S S Learned 11:
Sturtevant &
Haley 144 112 144

W Ricker & 20 70 Britton & At Watertown. A Sawyer 18 Vestern 1000 6750 187 2025

Hogs. Calves. Hogs. Calves Maine. At Brighton. & others...
Britton &
Savage....
H N Jenne
Combs &
Farror
J A Lavene 220 425 45 2 130 J A F Ch 70 F S Atwood C H Kidder 49

1S

At Brighton J S Henry Scattering.... 125 R Connors J P Day W Mills ... 125 200 New York At Watertow. D Fisher 40 360

Export Traffic ints of the week from Boston 2037 cattle, 2025 sheep and 109 streports from Liverpool very xporters as prices have advanced 1 g1 4c p r ib with siles at Londers, 11½ g12c, sinking the offal, 2001 11¼ c.g. 11¾ c.g. This improved was owing to lighter animals, destinations. On steamer Victoria 754 cattle, 39 horses by Swift teamer Sylvania for Liverpool 425 ris Beef Co. 200 cattle, 1065 sheep way. On steamer Lycia for Bristol J. A. Hathaway, On steamer London 430 cattle by Morris Beef Co. and 70 horses. Amass for Liverpool 348 cattle by 3. 228 cattle, 360 sheep by J. A. teattle by J. Gould. Horse Business.

for the disposal of thorses. The been very unfavorable all through buyers were not numerous. Some-big horses, and by latest war news as more confidence noticed at Snow's

ore confidence noticed at Snow's stable moderate trade and aucExported 75 head. At L H stable dull trade but managed for than 100 head. Not much s. At A W Davis, Northampton though it was bad weather to be was a fair attendance at aucre disposals for all kinds from all At E Ham & Co sale stable sead from \$100\tilde{a}\$200 and horses. At Welch & Hall's sale les slow but call for big horses.

Union Yards, Watertown.

Tuesday, May 4, 1898. is week 663 head of cattle from port together with a supply from western were used from the home of the market for beef cattle than last week, although the prices in the west. A few north-mis but not especially good as

Cattle Sales.

Sold 6 beef cows of 6220 fbs at 53 4c, 2 bulls of 2150 fbs at 6980 fbs at 234c, 2 slim oxen of J A Hathaway sold 15 steers

Extra western creamery.

Extra western creamery.

Common to good.

Trunk butter in ½ or ¼ fb prints

Extra northern creamery.

Common to good.

Extra western creamery.

of 1550ms at  $5\frac{1}{2}$ c, 10 do of 1525ms at  $5\frac{1}{2}$ c, 15 do of 1500ms at  $5\frac{1}{2}$ c, 10 do of 1475ms at 5c, 20 do of 1475 ms at  $4\frac{1}{2}$ c, 20 do of 1460ms at  $4\frac{1}{2}$ c, 20 do of 1460ms at  $4\frac{1}{2}$ c.

Maine Cattle, Beef and Store

The eastern train this week was composed of 10 car loads and arrived early at the yards. Of the arrivals but few were oxen, but milch cows in fair supply. Perhaps it was as well that beef cattle did not predominate as butchers were not in a buying condition. Their wants seemed to be light in the beef line.

P A Berry sold 5 beef cows of 950 hs each at 2% c, 6 cows of 1000 hs each at 3c, course bulls at 2½@3%4c h.

Sheep Houses.

The largest weeks' supply of the season and beyond the expectations of both buyer and seiler. We found the imarket off strong ½c fb very few seiling at 5½c. and some few good veals at 5c.

A. C. Foss sold 48 veals at 6355 fbs at 5½c. Thompson & Hanson sold 43 calves of 5250 fbs at 5c. J. P Day sold 16 calves at 45 a head. P A Berry sold 40 calves av 110fbs at 5c. M D Holt sold 40 calves av 112 fbs at 6c. Wardwell & McIntire sold 56 calves 115 fbs at 5½c and some for 3c.

The trade not remarkable for activity, cows changing hands from \$20@\$48 fancy cows at \$50@\$60. Wardwell & McIntire sold 2 mileh cows \$42 each, 3 springrs \$35 each. 2 nice Holstein at \$770 each. P A Perry sold 7 5ows from \$35@\$45. Libby Bros. sold 15 cows from \$25@\$50 a head

Fat Hogs. No especial change on western and laid down here at 4@4¼c L W. Northern selling at 5@ 5¼c L W; a fair demand.

Live Poultry. Supply light and prices nominal, 9@10c tb.

Boston & Albany Yards, Brighton. WESTERN BEEVES. PRICES IN CWT. ON THE LIVE WEIGHT. 

Brighton, Tuesday and Wednesday.

April 26 and 27. Near to 1400 head of cattle yarded 992 hea were western market on western holds a firm position, but the country lots of cattle from New Engla d were a grain easier. Butchers seemed somewhat indifferent about buying and did not want to improve on their first bid.

A M Baggs sold 18 oxen of 26,670 hs at \$4.85 per cwt. A C Foss sold 23 steers av 1000 hs at 4½c. J P Day sold 6 canners 1%c, 2 beef cows 900 hs at 3c; R Conno s sold 10 beef cows, average 1000 hs at 3%c. A few eastern cattle at 2½ £5c fb.

Late Arrivals and Sales.

Cows not in heavy supply still a fair number on sale and market considered without improvement. Trade favorable to buyers for lower grades. Beef cows sold with fair life.

Libby Bros sold 3 choice cow at \$50 each, 7 extra cows \$42@46. Common cows \$30@\$36. O H Forbush 2 beef cows 2006 hbs at \$3.05 per cwt, Thompson & Hanson 17 cows at \$35@55. Wardwell & McIntre sold 7 cows \$30@\$50. R Connors had a nice yard of cows 1 fancy Jersey \$60. 4 springers \$43 2 milch cows \$42.50 each J S Henry sold 4 choice cows \$55.50 a head, 7 extra cows \$45. Common cows \$30@\$57. Harris & Fellows 13 cows \$35@\$57. W F Wallace 19 cows \$45@\$55, 5 cows \$30@\$56. Store Pigs—A good supply and sales for small pigs \$1.50@\$2.50. Shores \$3@5.50.

Miscellaneous. Hides.-Brighton, 7@74c Plb; country lots Tallow.-Brighton, 3e P lb; country lots 11/2c. Calf Skins.-60@\$1.40. Dairy Skins.-30@55c. Pelts.-70c@\$1.10.

Boston Provision Market.

The pork market continues quiet, with prices teady.

Hams are quiet, with lard steady.

Pork, long and short cuts \$\psi\$ bbl, \$13.50.

Pork, light and heavy backs, \$12.50@13.50

Pork, lean ends, \$\psi\$ bbl, \$15.00

Tongues, beef \$\psi\$ bbl, \$23.

Tongues, pork, \$\psi\$ bbl, \$17.

Beef, pickled, \$\psi\$ bbl, \$16.0@11.50

Shoulders, corned and fresh, \$\psi\$ to 7c. Shoulders, smoked, Hams P B, 8½ @9c. Hams \$\psi\$ \text{b}, \$\psi \seta\_2 \text{\@} \text{@} \text{e}\$.

Pork, loose, \$\psi\$ \text{b}\$ \text{b} \$\psi \seta\_2 \text{c}\$.

Briskets, salt, \$\psi\$ \text{b}\$ \text{b} \$\psi \seta\_2 \text{c}\$.

Bibs, fresh, \$\psi\$ \text{b}\$ \text{9c}.

Sausages, \$\psi\$ \text{b}\$ \text{b}\$ \text{b} \$\psi \seta\_2 \text{c}\$.

Sausage meat, \$\psi\$ \text{b}\$ \text{b}\$ \text{c}\$.

Lean sausage meat, \$\psi\$ \text{b}\$ \text{b}\$ \text{7}\$ \text{s}\$.

Lard, in terces, \$\psi\$ \text{b}\$ \text{b}\$ \text{5}\$ \text{c}\$.

Lard, in pails, \$\psi\$ \text{b}\$ \text{b}\$ \text{7}\$ \text{s}\$ \text{c}\$.

Lard, in pails, \$\psi\$ \text{b}\$ \text{b}\$ \text{7}\$ \text{s}\$ \text{c}\$.

Lard, in pails, \$\psi\$ \text{b}\$ \text{b}\$ \text{7}\$ \text{s}\$ \text{c}\$.

Boston Produce Market.

Wholesale Prices. Fresh Killed. Poultry.

Receipts are larger, demand only moderate, and prices for western leed fowls are ruling a half cent lower. Best marks are moving slowly at 9½c, and heavy lowis have to go at 9c. Stags rarely bring over 7c. Old cocks steady at 6½ cock. The market for frozen poultry is quiet and unchanged. Turkeys are working out fairly. unchanged. Turkeys are Chickens in limited supply. Northern and Kastern—
Chickens, choice large, P ib
Chickens, common to good
Fowls, extra choice.
Fowls, common to good
Chickens Phila, good to choice.
Pigeons, tame P doz.
Western, iced—
Turkeys, choice hens /s, extra can list, common to good control can be shall be specified by the state of the state o

Turkeys, choice.

Turkeys, common to good.

Fowls, # bb.

Geese, good to choice.

Ducks # ib.

Chickens, choice # lb. Chickens, choice P tb ..... Chickens, common to good P fb ..... Live Poultry. The market is quiet, best fowls selling slowly at 91/9c. 9@10 6@ 8@10 Fowls Pib. 

Receipts do not show much increase so far this week, but there is a fair supply offering and only a moderate demand. Strictly extra Vt. and N. H. creamery is still generally held at 18c but it has become an extreme price, and some are closing out at 17½c. Extra west creamery holds steady at 17@17½c as to style of package. Firsts have a moderate sale at about 16@16½c. Best north dairy steady at 16c. Imitation creamery and ladle goods in light supply and steady at quotations. Note.—Assorted sizes quoted below include 20, 30, 80 lb. tubs only.

20, 30, 80 in tubs only.

Creamery, extraVt. & N. H. assorted sizes.
Northern N. Y., assorted sizes.
Northern N. Y., large tubs.
Western, asst. spruce tubs.
Western, large ash tubs.
Creamery, northern firsts.
Creamery, western firsts.
Creamery, seconds.
Creamery, eastern.
Dairy, Vt. extra.
Dairy, Vt. extra. N. Y. extra
N. Y. and Vt. firsts
N. Y. and Vt. seconds
N. Y. and Vt. low grades Dairy, western. West, imitation creamery, small tubs. West. imitation creamery, small tubs.

extra.

extra.

West imitation creamery large tubs firsts 14 ½ @15

imitation creamery seconds. ... 13 @14

ladle firsts. ... 13 @

ladle seconds. ... 12 @

18@181/2 .171/2@18 . 17@ .12@16

184619

Boxes Extra northern creamery Extra western creamery.

The market has a quiet but steady tone. Supplies on hand are not large and are held with confidence. Fine fall north, are held higher, The under grades are also steady at quotations. Liverpool quot. white 42s. New York, small, extra P ib.

Eggs.

Receipts are liberal and choice stock is selling freely with prices well sustained. Aroostock Hebrons are bringing 90@95c as to uality. Best New York Rurals and Green Mountains firm at \$1.00@\$1.05, and some of the best western bring \$1. Best White Stars and Burbanks steady at 90@95c. New southern are in limited supply as yet. Good No 1 stock in steady demand and firm at quotations. Potatoes & bush.— Aroostook Hebrons

Aroostook Dakota Reds.. New—
Florida, No. 1, Rose & Heb. # bbl .... 4 50@5 50
Florida, No. 2 " ...... 3 00@3 50
Florida, No. 1, red varieties ......... 4 50

Sweet Potatoes. There is a light demand for N C crates at about \$3@\$3.25.

Asparagus & doz, bunches— Extra large.....

on to good.... Lettuce, hot house \$\psi\$ doz....
Onions yellow—
Choice native large bbl....
Common to good native.....
Onions, Bermuda, \$\psi\$ crate.

 
 Squash, turban, P bbl
 2 50@

 Squash, marrow, P bbl
 2 20@2 25

 Spinach, native P bush
 60@

 Spinach, Norfolk, P bbl
 1 00@1 50

 Spinach, Balt. P bbl
 0@1 25

 Turnips, Jersey Russia, P bbl
 1 00@1 25

 Turnips, yellow P bbl
 1 00@1 25

 Turnips, St. Andrews, P bbl
 1 00@1 25

 Tomatoes, Fla, choice P carrier
 2 25@

 Tomatoes, Fla com, to good
 1 50@2 00
 Domestic Green Fruit.

There are but few apples now coming in but emand is also limited Sales continue in small demand is also limited. Sales continue in small I to at about former prices. Strawberries are in fair supply. North Carolina berries are irregular in quality and prices take a wide range, from 10@16c., but most sales of good to choice at about 12@14c. A few fancy Charleston berries 1 ange up to 18@20c. Greenings, & bbl King, & bbl... Baldwins, No. 1, & bbl Russet Roxbury & bbl..... Strawberries.

. C., choice p qt..... 12 10@12 Tallow. Hides and Pelts.

Calfskins, 5 to 12 ths each overweights, each...
south, flint dried P lb...
Deacon and dairy skins... Shearlings each...... Lambskins each spring. Pelts, each.... Choice Canadian P bu ..... Green peas, Western choice... Green peas, Scotch..... Dried Apples.

Evaporated apples have a steady moderate sale. Sun dried quiet. Evaporated, fancy to extra fancy... Maple Sugar and Syrup. Sugar, small cakes, choice p tb.

Grass Seeds.

Receipts are moderate and the market has a firm tone but demand is not very active. Prices remain about as last quoted. Best mediums are bringing \$1.50, and some sales of marrow rea are reported at that figure. Yellow eyes and red kidneys steady at quotations.

Pea, N.Y. & Vt. small H. P. Pea, marrow, o Pea, screened. Hay and Straw.

The market continues quiet, with the general features unchanged. Choice hay is firm, and some fancy cars will yet exceed quotations, but I wer and medium grades are dull and easy. Rye straw quiet. Hay, prime, large bales...
small "
ay, No. 1, Pton...."
2 "
3 " fine choice.
rejected, per ton.
clover mixed, \$\mathcal{P}\$ ton.
swale, \$\mathcal{P}\$ ton.

Flour and Grain.

Flour.—The market continues quiet, with prices steady. Spring patents, \$6.25@6.90 Spring, clear and straight, \$5.25@6.00 Winter, clear and straight, \$5.15@6.00 Winter patents, \$5.99@6.50. Oat Meal.—Quoted quiet, \$3 75@4 15 \$\rightarrow\$ bbl ground and rolled, and \$4 15@4 55 for cut Corn Meal.—The market is firm at 84@86c pb bag, and \$1 80@1 85 pb bl; granulated, \$2 25@2 50 pb bb; bolted \$2 25@2 50. Graham Flour.—Trade continues quiet, with

Bye Flour.—The market is quoted at \$3 00@ Rye.—The market continues quiet at 56@58c. Corn.—Demand is good with market steady.

Corn.—Demand is good with market steady.

No 2 yellow, spot, 44c.
Steamer yellow, spot, 43½c.
No. 2 and steamer spot 43c.
No. 2 yellow to ship, 43¾c.
No. 3 yellow 48½c.
Costs.—Quiet but firm.
Clipped, fancy, spot, 39½c.
No. 2 clipped, spot, 38½sc.
No. 3 clipped, spot, 38½sc.
No. 3 clipped, spot, 38½sc.
Clipped, to ship, 38344c.
Rejected white, spot, 37@37½c.
Clipped, to ship, 383483c.
Milifeed.—Trade continues quiet, with prices steady to ship.
Middlings, sacked. \$16.50@\$19 00.
Bran, spring, \$16 25@
Bran, winter. \$17 26@
Red Dog, 19 00@
Mixed feed, \$1700@19 00.
Cottonseed meal, \$22 00.
Mait.—The market is steady with trade ruling

Malt. -The market is steady with trade ruling ull. State grades, 6-rowed, 58@63c. State, 2 rowed, 53c. Western grades, 53@60c.

Barley—Quiet demand, with prices nominal at 50@58c. for No. 2 6 rowed State, and 42@45c for No. 2 2-rowed State.

Fresh and Shell Fish.

The market continues quiet, with prices firmer for cod and haddock. Oysters in light demand but higher. Lobsters scarce, with clams firm. Market cod, per ib, 3@3/ac; large,4@4/3c; steak 8/4@7c; haddock. 5@5/ac; large,4@4/3c; steak 8/4@7c; haddock. 5@5/ac; translmon, 15@16c; bluefish, 5@6c; cusk, 2@2/ac; steak, 2/4@3c; hake, 2@2/ac, small. 1/4@2c; pollock, 1/a@2c; steak, 2@2/ac, small. 1/a@2c; ollock, 1/a@2c; steak, 2@2/ac, seel, 9@10c; alewives, 9125@150 per 100 count; fresh mackerel, each, 27@28 for large and 17@18 for small; roe shad, 20@2c; buck, 16@18c; lake trout, 9@10; pickerel 9@10c; oysters, Norfolk standards, per gal, \$1; Prov River, \$1.25; Stamfords, freshopened selects, \$1.25; shell, per bbl, 6.60; \$\psi\$ bu, \$1.75; Blue points, per bbl \$7.25; per bush \$2.50; lobsters, live, per lb 10c; boiled, 12c; clams, per gal, 50c

Foreign Butter and Cheese Market.

Cable advices of this date to George A. Cochrane from the principal markets of Great Britain give butter markets as declining in consequence of increased receipts of Continental Irish and home make. The weather is favor-able for the make all over Europe. Finest Danish is selling at 201-2 to 21c, while very good descriptions of Continental butters are being offered at 16 to 18c. A small arrival from New Zealand is selling at 16 to 19c. American butter cleared. Low grades are very scarce and anything under 14c is in active request. Cheese markets continue to show improvement; buyers taking more interest in the mar-ket and buying freely. Finest American and Canadian selling at 8 3-4 to 9c for White, while Colored has sold as high as 9 1-2c.

Country Real Estate.

hundred acres of land, large old style

T. J. Meany has sold his sixty-seven West Newton for a residence.

The A. W. Fay stock farm in West season. Sherborn, consisting of two hundred Any particulars you will be kind enough to acres of rich land, mansion house, stables give us regarding this report we will greatly and other buildings, has been bought by appreciate.

Read and Run.

-A reign of terror said to exist in San- stated in your letter is correct. tiago de Cuba.

instructions to go to Cuba.

ing in the Straits of Gibraltar. -Dawson is much excited over gold discoveries on Monte Christo Island.

tor of the estate of Francis B. Haves. -The steamship Paris reached New

ities as the auxiliary cruiser Yale. -The Harbor and Land Commission

and fill solid in the Mystic River in -For the first time in many years citizens of Watertown are discussing the scheme of holding a horticultural and ag-

ricultural exhibition. There are many

scheme of holding a horticultural and agricultural exhibition. There are many market gardeners in Watertown who are interested in the project.

—Bank Examiner Ewer reports to the Government that President Lewis Warner of the Hampshire County National Bank, Northampton, Mass., is a defaulter to the amount of seventy-five thousand or one-hundred thousand dollars.

—The size of bread loaves has been reduced in Indianapolis; nine thousand troops in camp at Springfield, Ill., caused a rise in prices; civil war prices not looked for during the Spanish contest. The belief is current at Baltimore that provisions and groceries are at the high point.

Scheme of holding a horticultural and agricultural exhibition. There are many market gardeners in Watertown who are interested in the estate of JAMES E. STEELE, late of Somerville, in said County deceased. Intestate. Where E. As a petition has been presented to said court to grant a letter of administered of said coeased, to William P. Steele, of Worcester, in the County of Worcester, without requiring a surety on his bond. You are hereby cited to appear at a Probate Court, to be held at Lowell. in said County of Morcester, without requiring a surety on his bond. You are hereby cited to appear at a Probate Court, to be held at Lowell. In said County of Massachusetts.

MIDDLEBEX, SS.

To the heirs-at-law, next of kin, creditors and all other persons interested in the estate of JAMES E. STEELE, late of Somerville, in said County deceased. Intestate.

Where E. As a petition has been presented to said court to grant a letter of administered of said court to grant a letter of administered of said court to grant a letter of administered of said court to grant a letter of administered of said court to grant a letter of administered of said court to grant a letter of administered of said court to grant a letter of administered of said court to grant a letter of administered of said court to grant a letter of administracy to make the property of the presented to give property of the

Frost is like water and can be drained in the same way. For this season ten-

der fruits should be planted on elevations above the frost level. No established temperature is necessary to kill peach buds. They all may be killed at zero, or come out alive after the ther mometer has registered 22 degrees below zero. The da nage done depends upon the physical condition of the tree. -J. H. Hale.

V. B. Grant of Gardiner, Maine, recently visited Hood Farm, Lowell, Mass., and purchased a fine cow coming three years old. She is in calf to Chromo. Mr. Grant also had a bull

American Institute of Instruction

Already elaborate preparations have been made for the sixty-eighth annual meeting of the American Institute of Instruction, which this year is to be held at North Conway, N. H. July 5th to 8th.

The bulletin which will be issued about the middle of May will be complete in the elaboration of arrangements and detail. From present indications a very remarkable array of renowned educational leaders will be present, and addresses upon the educational conditions of the various New England States will be made by the following named gentlemen who are superiors of instruction in their respective states: C. H. Hine of Connecticut; W. W. Stetson of Maine; F. A. Hall of Massachusetts; J. B. Rockwell of Rhode Island; M. S. Stone of Vermont and F. Gowing late of New Hampshire.

That widely and favorably known liberal educator, Dr. G. Stanley Hall, has signified his intention of being present and will address the teachers on timely subjects. Dr. Hodge of Clark University will speak upon Nature Study, and the topics selected by Dr. H. S. Tarbell, superintendent of schools in Providence, R. I., and the Rev. A. E. Winship will be of interest to everyone interested in educational work.

It is needless to speak of the entertainment programme which has been provided for North onway, and in fact the entire White Mountain region offers an ever ending source of instructive recreation.

The Boston & Maine Railroad will, as usual. make every inducements as to rates, routes Institute Members who are recognizing the important results which this annual gathering

TWO FIREMEN ON ONE BICYCLE.

Severe Test Withstood by Lovell Diamond Cycle in This State

Some time ago the Worcester Gazette printed the particulars of the test to which the Lovel Diamond blevele was subjected in the Western The A. White farm near Milford and Reserve. Manager Davis has since learned of Caryville, has been sold to Edward P. a severe test which was recently made with a Ober of Roxbury. The farm has one Lovell Diamond wheel in Worcester, which is detailed in the following correspondence:

Worcester, Mass., March 23, 1898. farm buildings, and is assessed for about H. H. Watson, Engine 6, Worcester Fire Department, Worcester Mass. :

Dear Sir-We have been told that you and acre stock and grass farm, with personal another member of your company, in corresproperty, in Hubbardston, near the vil- ponding to an alarm recently, both rode on your lage of Williamsville to C. W. Heath of Lovell Diamond bicycle, and as a result of this test several members of your company have placed orders with us for these wheels this

LOVELL ARMS & CYCLE CO. Dictated by George S. Davis, Manager, George S. Davis, Manager Lovell Arms

Cycle Co., Worcester, Mass.: Dear Sir-Your letter of the 23d at hand, and n reply to same will say that the report as

A weeks ago, as an alarm was rung from corner Green and Gold streets, box 344, Wil--Clara Barton is at Key West awaiting liam Stanton and myself, both members of En. gine 6, were sn the Bloomingdale road, away -Spain's torpedo boats are still cruis- from the engine house, and I suggested to Stanton that he jump on my Lovell Diamond with myself, but he objected, thinking our combined weights would break the wheel. I, however, assured him I was willing to take the chances -Many rare plants at Oakmont, Lex- and in this manner we responded to the alarm, ington, were sold by order of the execu- without the slightest injury to the wheel. Our combined weight is 371 pounds, Mr. Stanton weighing 167 and my weight being 204 pounds, and these weights being distributed to York safely, discharged her cargo and a disadvantage upon the wheel, it certainly proves that the Lovell Diamonds are all right.

Previous to this test there were several mem. bers of our company that were intending to -The Harbor and Land Commission bers of our company that are successful to the New England of our experience, you have sold six Lovell Sherman, late of Somerville, in said County Company this sea-Diamonds to members of our company this season, which are giving splendid satisfaction. H. H. WATSON.

Yourstruly, Worcester, Mass., March 25, 1898.

Commonwealth of Massachusetts.

The bellef is current at Baltimore that provisions and groceries are at the high point.

We need not so much a revolution of farm practice as we do an improvement of it."

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S. H. Folsom, Register.

We need not so much a revolution of farm practice as we do an improvement of it."

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FROBATE COURT.

To all persors interested in the trusts under a deform of the farm practice as we do an improvement of it."

Commonwealth of Massachusetts.

MIDDLESEX, 88.

PROBATE COURT.

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To the heirs at-law, next of kin and all other persons interested in the trusts under a deform of the season interested in the trusts under a deform of the farm practice as we do an improvement of it."

To the heirs at-law, next of kin and clounty, by HEREAS, a certain instrurent purporting and could in Head, we have prepared a generous trisl size for 10 cents. Get it of your druggist, or send 10c. to

It is far provisions of the far provisions of the law of the season has been presented to a decide of the balaced of the balaced

BEYMER-BAUMAH DAVIS -CHAMBERS PARRESTOCK ANCHOR

ECKRYPIN ATLANTIC BRADLEY BROOKLYN JEWETT ULSTER UNION SOUTHERN SHIPMAN

SOUTHERN JOHN T. LEWIS & BROS CO MORLEY SALEM CORNELL KENTUCKY Louisville

COLLIER

MISSOURI

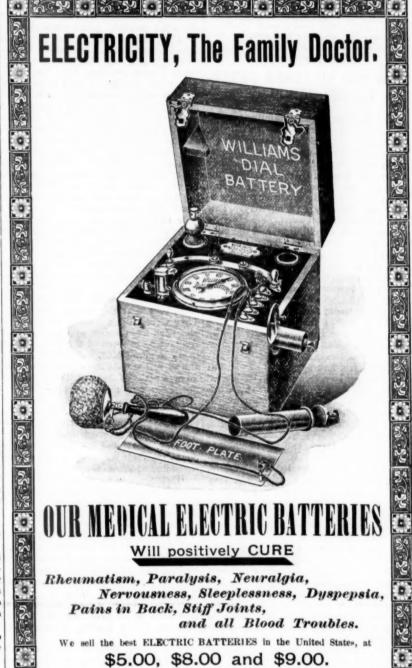
RED SEAL

TE MANUFACTURE White Lead by the "old Dutch process," for the reason that it has stood the test of centuries; and notwithstanding the

numerous attempts to make White Lead by some of the many quick or patent processes - although repeatedly tried - they have shown that the "old Dutch" is still the best. and is the "up-to-date" process for manufacturing White Lead.

FREE By using National Lead Co.'s Pure White Lead Tinting Golors any desired shade is readily obtained. Pamphlet giving valuable information and card showing samples of colors free; tions of shades forwarded upon application to those intending to pain

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\$5.00, \$8.00 and \$9.00. We send large foot plate and Sponge Electrode FREE with Battery. Our Book of Explanations showing how to operate Battery, for various diseases is sent with each Battery. We send C. O. D. Subject to full examination at your Express Office. Testimonials from

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NEW-YORK. 

LEGAL NOTICES.

Commonwealth of Massachusetts. MIDDLESEX, 88. PROBATE COURT.

Commonwealth of Massachusetts. MIDDLESEX, 88.
PROBATE COURT.

LEGAL NOTICES.

ريخ:

Commonwealth of Massachusetts.

MIDDLESEX SS.

PROBATE COURT.

To all persons interested in the estate of LUCY
A. NASH, late of Wilmington, in said County, Lovell this sendon.

SON, deceased.

WHEREAS, a certain instrument purporting to the the last will and testament of said deceased, has peripodate, by Mary L. Sherman, who prays that letters testamentary may be issued to her, the executrix therein named, without giving a surety on her official bond.

You are hereby cited to appear at a Probate Court to be held at Cambridge in said County of Middlesex, on the twenty-fourth day of May, A.D. 1898, at nine o'clock in the forenoon, to show cause, if any you have, why the same should not be granted.

And said petitioner is hereby directed to give public notice thereof by publishing this citation to be one day, at least, before said Court, and by mailing, post-paid, or delivering a copy of this citation to all known persons interested in the estate of LUCY A. NASH, late of Wilmington, in said County, or deceased.

WHEREAS, John L. Davis, the administrator deceased:

Wilter and the estate of LUCY A. NASH, late of Wilmington, in said County, or deceased.

WHEREAS, John L. Davis, the administrator deceased:

Wilter and the estate of said deceased, has presented to said court to the executrix therein named, without giving a surety on her official bond.

You are hereby cited to appear at a Probate Court to be held at Cambridge in said County or Middlesex, on the twenty-fourth day of May, A.D. 1898, at nine o'clock in the forenoon, to show cause, if any you have, why the same should not by delivering a copy thereof to all persons interested in the estate of said deceased, has presented for allowance, the final account of the state of said County, or the tenth day of May, A.D. 1898, at nine o'clock in the forenoon, to show cause, if any you have, why the same should not by delivering a copy thereof to all persons interested in the estate of said Court, or by publishing the same once in each week, for three successive weeks, in the MASSACHUSETTS FLOUGHMAN, a newspaper published in Boston, the last public ation to be one day, at least, before said Court, and by mailing, post-pa

Commonwealth of Massachusetts.

COMMONWEALT OF MASSACDUSETS.

MIDDLEBEX, 88.
PROBATE COURT.

To the heir-sat-law, next of kin, creditors and all other persons interested in the estate of ALEX-ANDER C. MORANG late of Somerville, in said County, deceased, intestate.

WHEREAS, a petition has been presented to said Court to grant a letter of administration on the estate of said deceased to George E. Martin of Somerville, in the County of Middlesex, without giving a surety on his bond.
You are hereby cited to appear at a Probate Court to be held at Lowell, in said County of Middlesex, on the seventeenth day of May, A. D. 1898, at nine o'clock in the forenoon, to show cause, if any you have, why the same should not be granted.

And the petitioner is hereby directed to give

cause, if any you have, why the same should be granted.

And the petitioner is hereby directed to give public notice thereof by publishing this citation once in each week, for three successive weeks. in the MASSACHUSETTS PLOUGHMAN, a newspaper published in Boston, the last publication to be one day, at least, before said Court.

D. Witness, CHARLES J. McINTIRE, Esquire, Judge of said Court, this twenty-third day of April, in the year one thousand eight hundred and ninety-eight.

S. H. FOLSOM, Revister.



Low-Down, Broad-Tire Farm Trucks originated direct to farmers three-fourths of all that are used. We build ten styles

of farm wagons, extra
wheels for old wagons,
and milk peddler's
wagons. Steel Wheel Trucks, 818.
FARMERS HANDY WAGON CO.,
Free Wagon for P 1663.
Saginaw, Mich-

## THE HOUSEHOLD.

SPRING-SONG. BY MISS LUCY WHEELOCK.

Old Mother Earth woke up from sleep,
And found she was cold and bare;
The winter was over, the spring was near,
And she had not a dress to wear!
"Alas!" she sighed with great dismay,
"Oh, where shall I get my clothes,
There's not a place to buy a sult,
And a dressmaker no one knows."

"I'll make you a dress," said the springing grass,
Just looking above the ground;
"A dress of green of the loveliest sheen,
To cover you all around."
"And we," said the dandelions gay,
"Will dot it with yellow bright;"
"I'll make it a fringe," said forget-me-not,
"Of blue, very soft and light."
"We'll embroider the front," said the violets,
"With a lovely purple hue;"
"And we," said the roses, "will make you a

crown
Of red, jewelled over with dew."

"And we'll be your gems," said a voice from the shade,
"Where the ladies' ear-drops live range is a color for any queen, And the best that we have to give."

Old Mother Earth was thankful and glad, And she put on her dress so gay; And that is the reason, my little ones, She is looking so lovely today.

### HOW THE CHILDREN ENTER-TAINED THE BISHOP.

the minister's chair, and he was trying that the pug was not always a good dog, with their assistance to read the Bishop's that he sometimes ran off and got into letter. It didn't matter that some of bad company, and thus caused much them couldn't read even c-a-t. They trouble. All the time she was talking were all, down to Dummy Dee, the thus, the curl was disappearing from baby, trying to help the minister find his tail, and at last it lay quite flat on out whether the Bishop was coming to the floor. 'But,' said the lady then, 'he see them Tuesday or Thursday. This quite often, almost always, in fact, is a

ister was their father. They had just beautifully, and when she had finished, moved to a new diocese, and had never his tail was all bunched up again." seen the Bishop, so he had written that day or Thursday.

band's shoulder.

at once. "So we can go out this after- down like tenpinsnoon and call on old Mrs. Smithers just

pair of spectacles.

But they finally decided it was Thurs- the sound of many voices. day, so directly after luncheon they they would not get into mischier, and would play in the front yard all the Presently bits like this drifted in: time, under the eye of a friendly neighbor who promised to watch them from children were left in a disconsolate row supper, he laughed the greatest lot." on the fence, loudly wishing that Mr. Jones' buggy was large enough to take it rains."

them all out to see old Mrs. Smithers. ing briskly up the street until he reached now." the minister's gate, where he stopped

ing soldiers, and they were all officers Polly, Molly and Dummy front porch. Polly was Queen Victoria, ask the Bishop!"-Living Church. with a kitchen-apron train, and the brass saucepan for a crown, on her head; from this depended several shingle curls, which hung gracefully around her rosy face; but a stately carriage was rendered quite imperative, the saucepan crown being many sizes too large, and prone to fall off if jiggled.

Molly loyally elected to be Mrs. Cleveland, and her costume was a buff holland window shade-which came off the roller just in time-pinned to the bottom of her dress, and on her head was jauntily poised her mother's red sweeping cap.

Dummy Dee represented the whole infantile Cleveland family, "for he's smart enough to be a dozen president's babies," they all agreed, and Dummy Dee sucked his thumb and did not care. "Does the Rev. Frank Thurston live here?" said a voice from the gate.

to the country with mother." "Ah, then he did not get my let-

didn't expect you so soon-

get ready for you," put in Molly.

cap bobbing up and down earnestly. to the sitting room, where he found the first, and then be indulgent toward the children without their finery, very clean capers of your over-nervous children. and distinctly soapy, sitting in six chairs ready to entertain their guest.

"We didn't expect you until Thursday, 'cause papa couldn't read your writing; he said he never read worse,"

remarked Molly, placidly,
"Oh, Molly," said Polly, much dis-tressed, "I think he thought the writing looked pretty, but he didn't have the right specta

ing him with solemn wonder, he laughed

all the more.

"Father and mother have gone out to kill two birds with one stone," said Harlow; "old Mrs. Smithers, and a chick-on that they are going to have a sometimes grow to all gloomy thoughts instead of the bright. all the more. en that they are going to buy for your

supper is the other, and mother is going to bake a frosted cake big enough for us, too. We always like to have the Bishop come," he added, feelingly. "Have you ary children of your own?

asked Polly. The Bishop shook his head. "Not of my very own," he confessed, "but I am great friends with some children, who cometimes like me to tell them stories.' With one consent they drew nearer, and Dummy Dee climbed into his lap.

"Do it now, please," urged Ted. "What about?" asked the Bishop. At this, Dummy Dee took his thumb out of his mouth with a plop, like a cork out of a bottle. "Mudder Gooth," he said in a solemn voice, and immediately put it in again.

"There was an old woman lived under the sun, Who went out shooting without any gun; She shot a wild goose instead of a cuck, And said, 'Oh! my eye, what very good luck.'

responded the Bishop promptly. And Dummy Dee, perfectly satisfied, curled up against his shoulder and went sound

"About a dog, please," said Harlow next.

"Do you know what will make a pug dog's tail uncurl?" asked the Bishop. "Does damp weather do it, like it does mother's front hair?" asked Dick. "No," said the Bishop, laughing. "But I was visiting, not long ago where the lady had a very fat pug dog with a tightly curled tail. She asked me if I would like to see it uncurl. I The children were all standing around said I certainly should, so she told me dear little fellow, and very intelligent. There were six children, and the min- He is a good watch dog, and obeys me

"We had a dog once," said Ted, "who he would call, on his way through the barked at people when he thought father town, and spend a day or two with wasn't around. One night the vestrythem, and he was to come either Tues- men came out and Mac didn't see father, so he barked at the biggest vestrymen The mother of this family was in the They were all in a row on the walk-it next room washing dishes. By and by was slick from a sleet storm-so father she, too, came and looked over her hus- ran around in front of the frontest man to try to get at Mac, but his feet slipped "Why, it's Thursday, just as plain as and he fell against the frontest man, and any writing I ever saw," she exclaimed he against the next, till they all fell

"There come father and mother," as we intended to, in Mr. Jones' buggy." called out Molly, who was nearest to "I don't know, I hope you are right, the window, and instantly the Bishop I never saw worse writing," said the found himself deserted by all but Dumminister, frowning, and trying another my Dee, still sound asleep on his shoulder. Through the open window came

"I choose to tell;" "No, let's all tell. started, and after solemnly promising Then a composite shrick smote the air: "He's here! the Bishop's here!" "He's real nice, if he can't write."

"But how he can laugh! When we her front window—where she placidly told him about his writing, and old to the yoke, a single band of insertion have the facing provided, as much of the or may be covered with hot water, and her front window—where she placing told him about his writing, and the seam. The sleeves are becomingness of a new bonnet or hat a little cream added at serving time.

"He makes be-youtiful poetry; it put description. Gathers adjust the fulness

frosted cake. He's expecting it—I told cale, dimity, gingham, lawn, batiste but it is a little heavy, besides it must be beaten whites. Turn this into a baking-Teddy, Dick, and Harlow were play- him—and don't forget to make it big." and all washable fabrics are adapted to a two-sided stuff as both sides show. A disk and bake thirty minutes in a quick but Harlow, who beat the drum, which mother? Did Mr. Jones' horse and of either French or outing flannel, in Another wire is run through a tuck buggy cut up? Dee were reviewing the troops from the We've been awful good children; you nightdress when travelling. Ladies ter is handsome but not necessary. Or six years should they be expected to

# WHAT THE LAMBS SAY.

'Many wise folk cannot guess What the lambs say when they cry, Or what the old sheep do reply."

"Can you tell?" I asked. "Oh, yes!" Said the little sheperdess:
"All the young lambs say Ma-a! ma-a!

"If a stranger comes this way, Or the young ones, in their play, From their tender mothers stray, And go searching all around
Every stone and bushy mound,
Then the young lambs cry Ma-a! ma a!
But their mothers answer, Ba-a!
Just to shame them when they cry.

Silly lambs to be so shy! -Wide Awake A word about nervous children Never scold them nor "make fun" of

them says the N. Y. Ledger. They Polly, holding on her saucepan crown, suffer enough without your threats or turned carefully in that direction. "Not sarcasm. Pretend not to see their awknow," she answered with much dignity. wardness when in company, nor their "He does when he's home, but he's gone grimaces when alone. A case was reported the other day of a boy of ter years who, on being vexed, and often "'Oh, it's the Bishop!" they cried with clench his hands and make the most one voice. At once the troops broke frightful contortions of the muscles of ranks, and with the queen and Mrs. his face and head till his poor mother Cleveland they swept forward to greet fears he is idiotic. By no means. He him, leaving Dummy Dee alone in the is the brightest boy in his class at school-"Come in," they said. "we fond of reading and of natural history but he is of a highly nervous tempera-"But there's water upstairs in the ment, and has not been taught to conspare room," said Ted, "cause I took it trol the little wires, so to speak, on which he is strung. This is no single "And mother aired the bed, and put case. There are thousands of children on the best whole sheets, that weren't who give way to their nerves in similar style and neatness that accounts for its fore mentioned; but even enthusiastic They are simply diamond-shaped pieces darned, this very morning, beginning to fashion. Talk to them about these curious little fellows that should be "I am going to loan my pillow to their servants, not their masters. Never you, while you are here, 'cause there whip them. The man or woman who aren't enough to go 'round when we have company, and I sleep on the sofa pillow,'' said Molly, her red sweeping them. Help them. Be patient with -The Bishop felt himself borne along future successful men and women, for by the current, and after he had made a they will work hard at whatever they brief toilet in the spare room, descended undertake. Brace up your own nerves

# A SPRING PRESCRIPTION.

My pallid friend, is your pulse beating low?
Does the red wine of life too sluggishly flow?
Set it spinning through every tingling vein
By outdoor work, till you feel once again
Like giving a cheery schoolboy shout;
Get out!

"I brought him six pairs," said Molly, stoutly.

But the Bishop laughed and laughed, and when he met the twelve eyes regarding him with solemn wonder, he laughed

# THE HOME CORNER.

.....

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No. 7139-Ladies' Mother Hubbard Wrapper.

A neat and useful gown is here shown composed of polka-dot percale, trimmed with bands of insertion. The upper portion consists of a short yoke The full portion has side seams and is gathered at the upper edge and joined a feature necessary in gowns of this ately next to the face. You look kind of pale, which instance it can be used as a size will require eight yards of thirtysix-inch material. The pattern, No. 7139, is cut in sizes for a 32, 34, 36. 38, coupon, 10 cents.



The shirt waist is again prominent among the summer styles, and tucking is one of the marked features of the

which the closing is effected with studs or buttons and buttonholes. Gathers at the waist line pouch the front in lat-By special arrangements with the BAZAR ly to the waist. The neck is finished very smart skirts; these last are largely large part and the standing used by one of the leading makers in with a collar band, and the standing collar of white linen is made adjustable.

> Colored straw hats were never prettier -the softest hues of biscuit, leaf green, fawn, forget-me-not blue, two charming pinks, gray and violet are displayed by the milliner, says the Philadelphia Record. Where the hat is so pretty it is easy to trim it. A little ribbon, flowers or tulle can be put in shape. This season is the great opportunity of the home milliner.

coupon, 10 cents.

Frills of straw with pointed edge come in all the colors one could wish. They are usually in two tones of the same color, but not always. Pointed straw frilling is a durable article. It is used often in a double-crowned toque or to give height or width to a bonnet. Straw ribbon is another handsome article commended to milliners' regard. In time silk or satin ribbon will fall, and as all colored ribbons, silk or straw, lose color in time with exposure to brilliant sunshine, the straw ribbon seems to have the advantage in every respect. If dusty, you can whisk it off with an orlinary bonnet brush of horsehair. A plint whisk might tear the straw.

Spring hats are stately affairs, with the novel feature of a "built-up back." The short-back sailor is all very well. makes the effect of a high crown. A few stitches with a long milliner's needle and linen thread hold the brim William seems a favorite among artificial flowers. It is often used in wreaths. stems look as well as flowers would

in the way of decoration. that is simply adjusted by shoulder your hat brim. The shirrings are not to burn. These may be put into of sal soda and one-quarter of a pound seams and has a straight lower edge. heavily corded, the puckering accurately clean cheesecloth bags and hung up in of chloride of lime with two quarts of spaced and the pleatings all that could a dry, cool closet. They may be served boiling water. Let it stand, and then Principal Boston Cooking School be desired. It simplifies the task to plain or may be covered with hot milk, pour off the clear part. The sediment

completes the wrists. The neck fin-stiff material, satin or taffeta ribbon, or cool—not cold—add the yolks of four "()h, hurry, mother, and make the ishes with a neat rolling collar. Per-"Are you sick, or scared at anything, the mode, or the garment can be made heavy wire is fulled into the outer edge. oven. contemplating a sea voyage will find These bows are usually placed a little to conform to the three meals a day that gowns of this description exceedingly the left of the front, two being the usual usually suffice for their seniors. Even comfortable and practicable. To make number with some standing decoration then it is wise to provide some slight rethis wrapper for a lady in the medium coming out from between. Oftener freshment to be taken regularly between than not, the two are of different meals, says Harpers' Bazar.

sha es.

trimming is in the swathed effect men- The craving that leads a child to ask for tioned above in silk of three tones of food in the middle of the morning or of one color so nicely graduated as to give the afternoon is entirely natural, but he almost an ombre effect. The darkest should not be permitted to satisfy it by shade is usually put outside, leaving a trip to the nearest candy-shop, or even the shading to grow lighter toward the by the bestowal of a piece of cake or a

Burnt orange vies with all shades of purple for supremacy as fashion's favorite color. Both shades are seen on every side, particularly in floral beau-Purple fuchsias, lilacs and violets seem to be the favored flowers until the next moment one sees roses of bright orange and nasturtiums in such profusion as to contradict that benef.

Bloomers, knickerbockers and dividseason. With a well cut and fitted per- ed skirts are not fashionable says Har- to let him wear kilts." cale or lawn shirt waist, fresh from the laundry, there comes an appearance of oftener used than either of the two belong continued popularity. Fancy dot- bicyclists find it possible to ride a of black cloth, made double and bound ted percale in lavender and white made | wheel and wear a skirt that is becoming this stylish waist, the tucks of uniform both on the wheel and off it, and that a depth (allowed for in the pattern) giv- divided skirt rarely is. In the beginthem. They are the making of our (which can be omitted if not desired,) was in the wrong place; but now a deand has a straight back yoke which gree of perfection has been reached, so meets the front in seams well forward that, like riding-habits, they are as on the shoulders. An applied box trim and neat as possible, with not one

> "A PERFECT FOOD—as Wholesome as it is Delicious. WALTER BAKER & CO.'S Costs less than ONE CENT a Cup. Trade-Mark on Every Package.

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plait finishes the right front, through inch too much of material, and yet

est style, the back being drawn smooth- golf cloths with double face that make used by one of the leading makers in New York. Skirts made of double-The correct sleeves are of fashionable faced materials are finished so they can size, the moderate fullness being gath- be worn either side out, thus virtually ered at the top and wrists into straight giving two skirts-a dark blue or black cuffs. A leather belt is worn at the will have the other side of black and waist, and a bow tie of satin at the white of a medium size check, etc. I neck. To make this waist for a lady of is not well to go in for any startling efmedium size four yards of material 30 feet in a bicycle suit; the quieter a inches wide will be required. The pat- woman dresses, the better she looks tern, 7363, is cut in sizes for a 32, 34, The prize awarded at the recent doll 36, 38 and 40 inch bust measure. With show for the best bicycle costume was given to a plaid skirt and plain jacket, but the same effect in all plain material would have been better. There is considerable dispute as to the best style of jacket to wear. Some people like the long coat of three-quarter length, while others prefer the Eton jacket. The great advantage of the Eton jacket is that it is small enough to take off and roll into a little parcel, which can be strapped on the handle-bar; but it should not be on the double-oreasted plan, with any large revers. The smartest ones are more on the mess-jacket order, fastened at the throat only, then open and the fronts left loose.

Bicycling boots, either tan or black. are worn until very hot weather sets in when the low shoes and plaid stockings will again be fashionable. It looks particularly well to wear leggings of the same color as the costume, if the costume, is one of the light tan cheviots or linens; but in hot weather leggings, like the boots, are very hot indeed The plaid stockings do not look well if one has large feet and thick ankles, and of course tan shoes with stockings to match, or black shoes with the black stockings, are always in good taste.

Concerning the bread to give to a but a good model has the brim long child, Mrs. Rorer says in the Ladies' enough to turn up in the rear, and so Home Journal that the proper kinds include all forms of twice-baked bread: Zwiebach, the ordinary rusk, the pulled bread, the toasted water crackers of the opinion that it is better to give up soiled handkerchiefs and towels, being supported in position. Now collect all and the ordinary dry toast—the object the use of bluing than to run the risk of a good disinfectant. the tulle or net you can spare, clouds of being to render them more digestible by the deposits that will surely come with For sprinkling, Miss Elliott advised pale green, soft gray or light blue; allowing the heat in the second baking the combination of soap alkali and the the use of a small watering pot and hot leave room for a garden of roses or to convert a portion of the starch into iron that it precipitates from the indigo. water. She also showed how fine lees whateve flower you prefer. The Sweet sugar. A plain rusk may be made by adding just a little sugar to the bread dough; instead of making it into loaves wrung too hard. Borax is invaluable ing the ironing process. Blanket, and A great deal of green stem and leaf is make it into small biscuits, and who nit in the laundry and safer in the hands of woollens, she said, ought never to have displayed. The lovely hat has clusters is very light bake carefully for thirty an inexperienced person than soap. All an iron put near them. of greenest violet leaves used alto- minutes. Take from the oven, and stains should be taken out before washgether as cachepeignes. Where the hat when cool pull them carefully into ing, as soap makes them indelible. is of high color, vine leaves and thorny halves. Line a baking-pan with brown Many stains will yield to a thorough paper, put in the halves, crust side soaking in cold water, and boiling water down; put into a very moderate oven, poured upon the surface afterward. You can purchase ready-made the that the noisture may be driven out, Javelle water should be in every house; puckering, frillings or shirrings of white then close the door and brown the rusk nothing is better for removing stains or black net or tulle you require to face slowly to the very centre, being careful from linen. To make it, put one pound

one-seamed and sufficiently loose to depends upon the soft puffings and Mush bread forms one of the best When iron-rust is to be treated, put of And mother's hair not curling when permit of perfect freedom of the arms, frillings which are introduced immediately breakfast foods for growing children, some boiling water in an earthen dish, Stir carefully into one pint of hot milk dip the linen in, then, with a medicine The choux or "cabbage bow" is one in a double boiler two-thirds of a cup of dropper, put on a little muriatic acid, After the three o'clock train came in, a tall man carrying a valise came walk-

I wish to emphasize the necessity that Scarf trimming or the swathed such refreshment should be regular. It 40 and 42-inch bust measure. With effects still obtain for around the should also be given by authority; that crowns of the hats. They are mostly is to say, the mother should say when of silk or ribbon veiled with net or the child is to be fed, and with what, chiffon. Some of the imported models, instead of allowing him the range of the however, have these scarfs of crepe, pantry or the freedom of the cooky-jar. maline, mousseline, or chiffon contin- The lunch between meals should be ned from the back into long, soft simple and wholesome-a slice of breadstrings. They are then brought about and-butter and an apple, or whole-wheat the neck and loosely knotted on the or Graham or oatmeal crackers and a breast or at the side of the throat. The glass of milk. Nothing is more injurieffect is quite soft and becoming.

One of the newest styles of brim of promiscuous nibbling between meals. ous to a child's digestion than the habit handful of sweet biscuits. . . . . . .

> This is the season of marbles, and the small boys' trousers and stockings suffer in consequence, says an exchange. "Please tell me," once asked a des

perate mother, "how I can keep my boy

rom wearing out the knees of his trou-"You might kill the boy," was the answer, "but the laws of the land forbid that. The only sure way we know of is

Knee protectors are sold in all the stores, and may be easily made at home. with braid on the edges, which cover

the knees and are kept in place by elas-

tic straps passing under the knee. One ingenious mother makes knee protectors for her small boy from the tops of the stockings, hemming them at the bottom and running narrow elastic tape in the casing thus formed. This holds the knee protector in position below the knee. Above it the garter retains and keeps it smooth.

Many of the trousers sold for boys now come with pieces for mending. When this becomes necessary neither patch nor darn the knee. Instead rip both seams, cut the worn part off evenly and set the patch in carefully, taking care that the figures, whether stripe thread or check, match exactly. Then press the seam, and if your work is well lone, it will require a sharp eye to detect it.

Boiling, said Miss Elliott in a lecture at the School of Housekeeping, and reported in the Transcript, has come to be somewhat out of the fashion, but it is, nevertheless, a good disinfecting process. Rinsing water should be warm; if cold, it fixes any dirt that may be left

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terics and fainting spells. My case was one that was given up by two of the best doctors in Brooklyn. I had given up myself; as I had tried so many things, I believed nothing would ever do me any good. But, thanks to your medicine, I am now well and strong; in fact, another person entirely.'

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Lydia E. Pinkham's Vegetable Compound; a Woman's Remedy for Woman's lilis

ing process more effective. Another holding a strong ammonia solution. disputed question is that of bluing, but Kerosene will take out vaseline stains; those who look into chemical results are nothing else will. Salt is excellent for

linen is sometimes ruined by being glass, a mirror or a window, thus savwill answer for coarse scrubbing, but it should never be put on a fabric.

moist clothing makes the natural bleach- of warm water, and lastly into a third

Miss Elliott also said that the new and handkerchiefs will look if dried on

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Hail and farewell,

Sweet blossoms nurtured in the snow
That doth compel
Thy shape with its star-crystals ere they go!
Thou callest Spring
Back from the sealed sepulchre of the earth,
Yet diest witnessing her strange new birth
When the first robins sing
O'er broken shell.
Hail, mayflower! Farewell!

Hail and farewell. Rich rose that greetest Summer with thy lips!

Thou mayest but tell Thou mayest out ten
Thy passion to the gossip-bee that dips
Deep in thy heart,
When for the Eden where no beauties perish
A mystic Gardener culls thee, to cherish
In that forbidden part
Whence Adam fell. Hail, rosebud-and farewell!

Hail, roscodd—and farewell;
Hail and farewell;
Prince-prelate of the August wilderness.
That in the dell,
With gorgeous scarlet for thy hat and dress,
Hearest a mass
Said for the soul of Summer by the birds,
Too proud to bend thy head at sacred words,
And signless letting pass
The monstrance bell
Hail, cardinal! Farewell!

Hail and farewell,
Gold-truncheon'd marshal of the red array!
Thou canst not quell
The rout of leaves along the autumn way
That ere wore green.
Their squadrons fly before November's van; Their squared from the victor wraps them all in shrouds of tan In dingle and in dene,
On field and fell.
Hail, golden-rod! Farewell!

Hail and farewell, All blessed saints of floral calendar!
Now in the cell
And catacomb of bitter days ye are, But pagan frost Of persecution shall not long prevail.
Winter and Death are Knights who bring the

That we need last and most, Sleep's quick'ning spell.
Hail, flowers—and farewell!
—Harper's Magazine.

# A CHANGE OF HEART.

as president of the school board.

of mind that made it of no avail to new schoolhouse." argue anything with her or make her amenable to reason.

She had burst into Mr. Hardy's pres- think of it!" ence like an incipient whirlwind, and her first gasping words had been:

"If what is true, Miss Betty?"

teacher to teach the next term of our and her reflections were sad and gloomy school, after I've taught it every term enough as she rode by the pretty new NED SPRUCINGTON'S for twenty-five years?"

He had known that the news situation, but far from happy. for Miss Betty was ordinarily a woman years, simply dressed in black. Miss smith." of the gentlest spirit. Mr. Hardy felt Betty climbed in beside her saying, as

Well, let us talk the matter over a "Let us see if - "

But Miss Betty interrupted him by shrillness and sharpness:

"I just want to know if it's true, Silas Hardy! I want a plain 'yee' or new teacher for the school?"

"Well, Miss Betty, I-" shrill imperiousness.

"Well, then-yes!"

heart again; she grew a shade paler, and she said, cordially: the corners of her mouth twitched. Her

per as she said: "You have, Silas Hardy?" "The other members of the school board and the patrons of the school being up-hill most of the way. Have tor, whose offices were situated in the thought it might be best to make a you ever been to Howland?"

change, Miss Betty. But there's been you haven't had a chance to keep up sick already." we've got a new schoolhouse it seemed Betty said:

esirable to have a new teacher." orn and indignation flashed from Miss Betty's blue eyes as she listened to that you are in mourning." finished she asked, tartly: Well, what else?"

started, and I never saw Miss Betty It became necessary for Miss Betty to

disposed man, was really in a perplexing position at that moment. He said "And it's well enough that I've got sons for taking the course he had taken visit Cousin Martha Hood for a few that hateful old Betty Hayden."

days, but I'll be back by a week from Moreover, Miss Betty was in a frame Monday, the day school opens in the And please what is your name?" ew schoolhouse."
"I can't bear to think of any other name is Betty Hayden!" teacher taking my place, I can't bear to

tween the small town and station. Miss Betty tound herself the only pas-"If you're going to have a new senger on the morning she left home,

schoolhouse on the hill. Silas Hardy tried to temporize. He A week later she was on her homewas afraid to tell Miss Betty the simple ward way, feeling more resigned to the

would be a good deal of a shock to her, When the driver opened the door of but he had not expected to have her the coach for her, she found another come to him in this way, with such a passenger already occupying half of the wild, distraught look on her face, and back seat, a sweet-faced and brightr voice quivering with indignation; eyed young lady of perhaps twenty-two ter, and 6 Verbena Villas, Hammer-

she did so: little, Miss Betty," he said, kindly. wards, if you don't mind, I'll sit here a big book. "Well, you know the on the back seat with you."

saying, in a voice of most unwonted whole of the back seat, you may have it addition to what you have already and welcome, for I do not mind riding stated?" backwards." Hardy! I want a plain 'yes' or Have you or haven't you hired a up your seat on any account," said Miss mistake upon my part."

"Say 'yes' or 'no?" she cried, with us very large, are we?"

Miss Betty's hand went up to her and manner pleased Miss Betty, and people's property for his own. Take prisoner.

Something in the Joseph Specific Specific

"I'm real glad to have company, and marched off. voice was little more than a shrill whis- I hope you're going clear to How-

"Yes, I am."

fathers in the world. and I'm afraid that wondered at that among several young in rays of the setting sun. It was alternated by the last lingering rays of the setting sun. It was al-

leave Howland and go to the town of this morning."

Mr. Hardy, a mild-mannered, kindly

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The became necessary for Miss Betty to leave Howland and go to the town of Wayneford, on a matter of business, the day after her interview with Silas

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The became necessary for Miss Betty to leave Howland and go to the town of Wayneford, on the betty for the wayner with the wayner with the wayner with th

while I'm looking around." afterward that Miss Betty's appearance to go," she said to herself. "I'd fuss board with me. I'd love to have Mary Before the fingers of his left hand could ceived a better character than that given had been so sudden that he had no time and fret myself sick if I stayed at home. Baird's daughter with me, and I'll do close I had seized the umbrella, and the me by Ned. At last came the question, to fortity himself with arguments or rea- I think I'll go on to Wallington and all I can to make peace between you and next moment was dashing madly across "Then you think the prisoner incapable

"Is that the former teacher's name?

"And you are-" Howland was twelve miles removed said some ugly, unkind things, but I am and flourish in the air my umbrella-I What a first-rate advocate Ned was er first gasping words had been:

"I want to know if it's true, Silas clumsy old stage-coach ran daily be-Miss Baird came to live with her .- J.

L. Harbour in the Household. BRELLA.

"Name?" "Charles Blank." "Occupation?" "Civil engineer." "Address?"

"501 Great George street, Westmins-"Verbena Villas, Hammersmith,"

she did so:
"It makes me dizzy to ride back- slowly repeated the police sergeant, as he entered the foregoing particulars in charge-stealing this gentlemen's um-"Not at all. If you would prefer the brella. Have you anything to say in

"Nothing, whatever," I answered. "I

Betty. "There's plenty of room for "Just so," was the grim reply. both of us here. "We're not either of "You'll have an opportunity of proving that in the morning. You are by no means the first person we have had to "Not very." means the first person we have had to deal with here who has mistaken other comething in the young girl's voice

The circumstances which had brought me into this scrape were as follows: Myself and my friend Sprucington were locality already mentioned. The duties "No, and, indeed, I have never been of our department were shared by some o special fault found with you, only— away from home, and among strangers half-dozen other young gentlemen of only-well, you know, of course, that in my life, and I-I feel a little home- our own age, who, like us, were qualifying themselves for the survey of with modern methods, and now that Her voice quivered a little, and Miss ground and construction of lines in any from the ground—a small grating of part of the world which their genius "Oh, you mustn't feel that way. Ex- should call them to. But plans and cuse me for speaking of it, but I see specifications are not particularly exhilarating in themselves, apart from their these words, and when Mr. Hardy had "Yes—for my father—one of the best professional interest; so it is not to be

A OHANGE OF HEART.

Miss Betty Hayden came out of the will be cottage one morning, and harried to say pirts. She breathed principle of the string of the str

while I'm looking around."
right hand to his left. The moment of the transference was enough for me.

To shorten matters, I may say that if the transference was enough for me. Trafalgar Square in the direction of the of stealing this umbrella?"

"Don't look so scared, my dear. I order to let Sprucington see who I was theft." proved to the people of Howland when to shape itself into words. Hoarse shouts of "Stop Thief!" followed me as stolen from me!" I flew up the steps at the further end of the square. The cries still ringing in my ears, I dashed helter-skelter past the College of Physicians and Colcorner of Suffolk street. Here I was at the Cigar Divan!"

a policeman. ture, all at the same moment. This I "shovel."

bore with patience, if not with good An attempt at bluster by the late

stranger to me! Of course, all my protestations of in- into the onyx stone. nocence were of no avail, and I was

inch deep in sawdust. The iron door of at a capital dinner in the evening. this delightful apartment was of great -

"Yes, I think it will; but, by the Thinking it, I suppose, to be a trouble- the oath Ned kept one hand behind his

"Well, sir," said Ned, who had re-There was a sudden commotion be- covered his self-possession, "if, as I unhind me—a commotion which soon derstand, stealing means taking prop-welled into an uproar. I heeded it no erty from the owner, it is impossible

further than to turn half round, in the prisoner could have committed the

"Because that umbrella was first "It is an infamous falsehood," cried

naghi's print shop till I came to the for this is all he left me in exchange-

brought up "all standing" by an iron With that he produced, amid the grip upon the collar behind. Turning laughter of the court, what he had round I found myself in the custody of hitherto concealed behind his back, namely, a wooden-handled umbrella In the usual brief space of time, the much the worse for wear, of silk, cerinevitable London crowd assembled tainly, but no more to be compared about us. I was regarded with curios- with the gleries of the onyx-handled ity, loaded with reproaches and favored than a costermonger's wideawake with with wit of an extremely personal na- the Archbishop of Canterbury's best

humor, convinced that on the arrival of possessor of his umbrella was quietly Sprucington I should get clear of my met by Ned with a request that the offitormentors. Presently a lane was made | cers of the court should examine the inifor the owner of the stolen property. tials upon the handle. This was con-Judge of my horror on perceiving that clusive. The stranger's initials were the panting individual was a total "T. W.," and he had not had time to take notice of the minute "E. S." cut

Of course, my immediate release foltreated in the manner described in the lowed upon this discovery, accompan-

"Well, I dark how a short, such the lower for the skir from your asks." It may be seen to say. Of the lower for the skir from your asks. It may be seen to say. Of the lower for the skir from your asks. It may be seen to say the lower for the skir from your asks. It may be seen to say the say that the lower fine the lower for the skir from your asks. It may be seen to say the say that the lower fine the lower fine the say that the lower fine the lower fine the say that the lower fine the lower fin

\*\*Nown to her.\*\*

\*\*She had not asked or cared to ask profits.\*\*

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\*\*She had no

RUIT AND STOCK FARM, 6 miles to Lowell 25 from Boston on county road. Farm contains 70 acres. 4.00 fine bearing apple trees, 34 acre raspberries, 1 acre blackberries, 2 beds strawberries, 300 peach 3 and 4 yrs. old, besides other fruit. 2-story house 9 rooms, 2 large partures, 4 light windows, plazzas and bay windows. Pump at sink, running water at barn. Well room with two set boilers. Barn 60x38; 16 tie-ups and 3 stalls, fine cellar with 24 ft. space divided off for apple cellar; barn clapboarded and painted, c.pols and vane. 2 henneries, 12x24 and 12x36. Two yrs. supply of wood in shed. Cuts 35 tons of hay by machine. Price \$6000.

DOUBLE VALUE in this 20 acre farm. Why?

1st. Because it is nine miles from Boston
markets and is run as a market garden farm. 2nd.
Every foot is valuable for building lots. Only two
minutes to station, 40 trains daily; water, lights,
and electrics through street. Large cottage houses
12 rooms, steam heat; harn 42x60 with sub cellar;
75 ft. carriage shed, 300 feet frame for winter
sash. Seld on very easy terms as a whole or in
sections, or will exchange for property on the
O. C. R. R. or in R. I. Personally examined.

O. C. R. R. or in R. I. Personally examined.

Listrablished Cream and Milk Business
Listrablished Cream and Milk Business
Listrablished Cream and Milk Business
130 acres, finest of grass land all under drained, free from stone. All buildings built in 1898; house 12 rooms, painted white and blinded; ell and pantry, with refrigerator built in; 2 siles, 45 tons each. Stock barn 40x46, 13 ft, posts; oreamery in one part, 20 tie-ups and 4 stalls. Water from spring 20 ft. above buildings, running to house and barns (new pipe); hennery 20x20. Upland orchard, 300 apple trees, mostly Baldwins, 30 yrs. old; large variety other fruits, all kinds. Winter of '96 and '97 kept 24 head and 3 horses. Pond near house supplies farm with lee. 20 cans of cream per week are sold at \$1 per can; a ready sale for all skim milk at 8c per can. Will sell 21 cows and pair horses, harnesses, farm wagon, one "Farmer's Handy Wagon," machine, hay rake, 3 harrows, plows, cultivators, 2-horse sled, sleigh, ex. wagon, all small tools for \$5300; \$2000 can remain at 5 per cent, or will sell farm above for \$4500.

SUMMER BOARDING.— 400 acres, situated in one of the pleasantest towns in central New Hampehire, well divided; cuts 50 tons hay, all by machine; keeps 25 to 30 head and team. Valuable wood and timber lot, large amount fruit. Two-story house 20 rooms in first-class condition, cemented cellar, milk cellar, ice house, 2 large barns, clapboarded and painted; carriage house 30x30. Running water atail buildings. Borders a beautiful lake for long distance. Fine shade trees. Summer rustic house. Low tax rate. Everything up in first-class shape for country farm or stammer boarding place, with a first-class trade established. Good sugar orchard 200 buckets. Price \$4500. Very easy terms. Only 1 mile to two villages. Where can you find a better bar gain! E. H. Carroll, Warner, N. H., or J. A WILLEY, 178 Devonshire St.

commencement.
Clatter, clash, rumble, bang! The cell door closed upon me and I was a prisoner.
The gloom was so great, that though it was daylight, I could at first distinguish nothing. Gradually I became a ware that I was in a narrow, vanited room, as strong as brick and iron could make it. Half way up the wall was a wooden wainscoting, and round two sides I could dimly see a low bench, barely two feet from a floor which was inch deep in sawdust. The iron door of at a capital dinner in the evening.

The dowed upon this discovery, accompanied by the assurance that I left the court without any stain upon my character, &c. My late prosecutor was glad to sliched the court without any stain upon my character, from Boston, excellent steam and electric service, I mile to P. O. Stores. Churches and Schools. 30 acres level land free from rocks. Splended set of buildings, 2-story house with ell, -10 finished rooms, painted white and recently shingled; sets back 600 ft. from main street where electrics pass (2 lines). Gravelled drive way lined with Maple and Linden trees on both aides leads to house; plenty shrubby, Barn planted with and leads to house; plenty shrubby, Barn planted with and leads to house; plenty shrubby, Barn planted with and leads to house; plenty shrubby, Barn planted with and leads to house; plenty shrubby, Barn planted with and leads to house; plenty shrubby, Barn planted with and leads to house; plenty shrubby, Barn planted with from Boston, excellent steam and electric service, I mile to P. O. Stores. Churches and Schools. 30 acres level land free from rocks. Splended set of buildings, 2-story house with ell, -10 finished rooms, painted white and recently shingled; sets back 600 ft. from main street where electrics pass (2 lines). Gravelled drive way lined with Maple and Linden trees on both aides leads to house 18x30, one poulty house 18x20, two others \$x10, another shard and cupola) \$3x47, 2-story shed 55x18, estrage and tool house 18x30, one poulty house 18x20, two others \$x10, another shard an

this delightful apartment was of great thickness, disclosing—about five feet from the ground—a small grating of round holes. By pressing my face against this grating I could see into the corridor without. But the only view obtainable was a round glass window opposite, illuminated by the last lingering rays of the setting sun. It was all Room 502. Boston. Wass.

SPECIAL INDUCEMENTS made to anyone buying this 40 acre farm, 23 miles from Boston, by contracting with them for any or all vegetables and fruits they will grow, thus assuring the purchaser a sure market for their crops. Buildings are located on high land, supplied with good sprig water and consist of a large brick house of 12 rooms, barn and shed, ½ mile to school, 1½ mile to churches, stores and station. Land is suitably divided; buildings in good repair and surrounded by grand old elms and walnut trees. Eleven bushels of nuts taken from trees last year, on a main road, and an exceptionally good neighborhood. Price \$2200.

Investigate this—50 acre productive farm, in a high state of cultivation. Will easily keep 20 head of stock, and has accomodations for 500 h·ns. One 2 story house with ell, eleven rooms. One cottage house with basement. Three barns 30x40 30x20,25x25; carriage house 16x16, tool and carriage house 15x20, wood ard storage house, 18x25, 3 poultry houses 37x12,25x8, 15x 6, all buildings in good repair. Running water at barn from never tailing spring. Over 100 apple, 60 peach, 15 pear, 12 plum trees, extra fine vine-yard of 140 choice vines a fine lawn and magnificent shade trees, making it an attractive home. On a main road, 1½ miles to 2 villages ¾ mile to electrics. Stock and tools include 7 extra fine cows, 1 horse, 250 hens, about 250 chicks, about 60 tons hay and oats, top buggy. democrat, express and farm wagon, sled, new sleigh, single and double harnesses, plows, harrows, cultivators horse corn planter, hand planter, corn sheller, grindstone, wine press, horse rake, mowing machine, horse power, scythes, rakes, hoes, shovels, bars, forks, chains, stone drag, ladders, etc. There is also a 90 ton silo. Cottage now let to good tenant. Owner will reserve cottage and bars at fair price if purchaser wants farm only or will sell all for \$5000, balf cash, balance on mortgage. 27 miles from Boston and reached by two lines of R.R.

STOCK and GRASS FARM. 85 acres. One mile to station and P.O. 27 to Boston. House pirooms, barn 30x85, annex 22x55, shed and wagon house; all buildings painted and in good condition; well shaded; 500 peach, well fruited, 175 plum just beginning to bear, 75 bearing apple trees, 10 cows, pair horses, 50 towis, all farming tools, crops, and 50 tons in barn, Price for all \$6000.

CUTS NEARLY 100 TONS HAY, will pasture

20 to 25 head; running water in all buildings
by pipe; 427 acres, finely located, everything in
thrifty condition, hay having been spent on place,
Quantities of apples, pears, piums and cherries;
1 mile to depot, P. O., stores; two other villages
within 1½ miles. Good two-story house, one
barn 40x80, one 30x40, one 20x30; carriage
house, 2 ells, other out-buildings. Borders handsome sheet of water ¾ mile. Price \$4000, ½
cash, which is less than buildings cost. Large
list of farms and village places, ffor particulars of
which address E. H. CARBOLL, Warner, N. H., or
J. A. WILLEY, 178 Devonshire St., Boston

TWO HUNDRED ACRE Connecticut River So acres in tillage; 60 of this being in one field. Perfect land; every foot tillable and very productive. 70 acres pasture, 50 wood and timber. 300,000 feet timber ready for market. Mill less than ½ mile of farm. Nice old styles farm house, some 12 or 14 rooms. Barns 100x86 and 132x43 and connected; piggery 127x15. All newly pairted and arranged in the most modern and convenient order. Cellar under entire barns, divided into four sections, running water in each section. Water to all buildings from two never failing springs. 150 ton silo. Stable fitted with the "Bidwell Adjustable Stall." Cuts 100 tons hay and fodder. Keeps 55 head cattle, 5 horses, 30 sheep and 50 swine. This farm is only four minutes from station; stores, churches. and schools near. This valuable property is offered with or without stock and tools. As a stock farm it cannot be excelled. Investigate this. Personally examined. Photograph at office of J. A. WILLEY.

Level, frree from Rocks—½ mile to stores, P. O., Schools and Church; barge passes door to meet every traio. Splendid set of buildings, house of 8 or 9 rooms, connected to barn and all painted white, green blinds. Farm contains 40 acres, borders pond on back and has cottage which rents in summer for parties, and in fall to gunners. Large strawberry bed, apple orchard of 200 bbls. in season. Price only \$2800. and only 25 miles from Boston Lake is ½ mile long, same wide. Photo. at Office.

ESSEX CO.—Farm 150 acres. 2 miles to Station. 1 mile to electrics; 30 acres English mowing, 45 pasture, 25 meadow. balance woodland, cuts 50 tons hay, will easily cut 75 tons; milk sold at door; 80 apple trees, pears and peaches; good land. Watered by well, springs and aqueduct. House 2 story, 12 rooms in good order, Barns 36x60 and 32x40 with sheds, cornbarn, work shop, etc. Price \$9000, Suitable for gentleman's farm or country residence, in towa of low tax rate.

TLL HEALTH—Compels owner to seil this 27 acre village fruit and poultry farm, located in town known for its educational advantages. Farm is 30 rods from R. R. Station and ¼ mile to village. Attractive 2-story house of 13 rooms, bay windows, handsome lawn with fine shrubbery and shade trees; 8 ft. cellar under whole house, (perfect for keeping fruit). Barn 33x40 with L. 28x33; all buildings in best of condition and newly painted; on high land, sightly and healthy. Best of water in all buildings. Milk sold at door. 2½ miles to city of Mariboro, 15 to Worcester. Land is rolling, southerly slope, equally divided; cuts 20 tons hay, 100 ton silo, keeps at present 4 cows and 2 horses, but will carry a much larger stock. Poultry houses for 300 to 400 hens; main one 25x50, 2-stories; others are 12x18, 12x20, 10x30, in good repair. Fruit consists of 200 apple trees right in prime, mostly Baidwins and Hubbardstons; 250 to 300 pear trees, largely Bartietts and Seckels; can exhibit 30-varieties. All trees in their prime, fancy prices for all fruits obtained as owner can show. ¼ acre raspherries, ¼ acre blackberries. ¼ acre strawberries; owner has an estableshed trade for small fruit in village. This is without doubt one of the best places on the market teday and is sold only because of the owner having met with an injury. In town of low tax rate, with money in bank to its credit. Will reserve a portion if all is not wanted. Photo at my office.

J. A. WILLEY, 80le Agent, 178 Devonshire St., Boston, Mass

J. A. WILLEY, Sole Agent, 178 Devonshire St., Boston, Mass

Ison SALE. Poultry farm of 35 acres choice land, fine orchard, excellent buildings. Only 6 miles from Salem, and 22 from Boston, 10 minutes walk from both steam and electric cars. 9 poultry houses, (rat and vermin proof), brooder house 16x108, hot water heated, cook house 12x 20 with two (2) set boilers, incubator cellar,—cemented, all poultry buildings new. One of the best of stock barns, 42x95, 2 carriage houses, 25 ton ice house, extra fine cellar under barn, grand good house 13 or 14 rooms, nice shade, sets up high, good outlook, on main road, good market right at door, a business of 2,500 to 3,000 chicks done yearly, and now kept up. Will sell with or without stock (some nice choice stock if one wishes). Price will be right, owner deciding to change affords some one an excellent opportunity, personally inspected.

MANY Size, price or location desired -Address MASS. PLOUGHMAN

> -OB-J. A. Willey,

MASS.

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## THE HORSE.

# Horse-Breeding for Farmers.

A reader of the Breeder's Gazette asks that paper what kind of a horse a farmer should raise? The following reply

The most profitable horse for the average farmer to raise would be class No. 4, which would be the largest and highest quality of draft horse that he can possibly raise. Be sure to get size and quality by selecting the best quality of draft mares of good smooth finish and as large as possible and breed them to the highest class and best quality of draft horse that you can possibly find and then feed them so as to give them a continual growth from their mother's milk to the time they are ready for the market, which is between four and five years old. By this kind of breeding, with the proper care, you can produce a draft horse that will weigh 1,600 to 1,800 and possibly 2,000 pounds. This class of heavy drafthorse has become very scarce and high and very rare specimens have sold as high as \$300 per head here lately. There would be plenty of money in raising them at the present prices. An exporter who is buying several carloads each week for the English market shipped recently forty head of draft horses weighing from 1,600 to 1,800 pounds for which he paid here \$205 per head, so you can see these horses are nearly as high as they used to be and will continue to get higher all the time. The medium grades have advanced but little.

Class No. 3 is a bus horse. If you have a small, compact, smooth mare that is not suitable for raising the coach pect for grass is good. A few sheep tleness they have not yet been a sucor light-harness horse breed her to a and small cattle have been turned to cess in that country.—Transcript. Percheron and you will get a nice bus or express horse that will be about as profitable as the heavy draft. The de mand is increasing for them every day-

They weigh 1,300 to 1,400 pounds. There is no question but that there is to be a great shortage in the supply of horses for a few years to come. There h v hardly been any colts raised since 1894, hardly been any colts raised since 1894, and we have not begun to feel the effect of these short crops of colts as we will in a few years more. We believe the best quality of heavy draft horses in one or two years will be as high as they ever were. There is a great export demand upon us, and it is increases and journel to the post of the service of the same of the post of the same of the same. Small buttons as they ever were day as business increases and it will not be long before this clear of the same o it offered so great inducements for ahead. In the tobacco section the beds Dickens of Minneapolls, who conducts one of the present time. The scarcity of good horses and the strong demand both for- very slow growth. eign and domestic surely means high

It has been stated upon good authority that, notwithstanding the imowing largely to a scarcity of such animals, there seems to be little effort upon the cold and wet weather. the part of farmers to change their methods of breeding. A Nebraska friend writes that in his vicinity a stalhon without breeding or other qualifications has already served over forty ready to open. Nothing but grass has lines and possessed of individual merit grown much, and that not so fast as have scarcely begun their stud season. is ready for planting, and with a few The probable reason for this condition days of drying weather agricultural of affairs rests in the "working" powers of the "scrub" stallion's owner, and in the added fact that he stands at a bacco beds, as in Massachusetts, are not very low service fee. Farmers are in the best condition, sunshine and penny wise and pound foolish when warm weather is required. Some early they breed to a cheap stallion. By the cabbages have been set and onions term cheap we intend conveying the idea of cheapness in more than one respect. A stallion may be "cheap" at energy thus far. \$100 per season, while another may be exceedingly "dear" at \$5 to insure with foal. A cheap horse, as we understand it, is one that has neither breeding, size, individuality or other good quality to attract public patronage. A "very cheap" horse is that one whose foals sell pleased to learn that the steady growth of their for an advance over cost of production, business, built up, as it has been, by constant no matter what the service fee. A "very dear" stallion is that one whose ers, necessitates a removal to a location which foals when matured have to be hawked will give them more space. Their trade is an about from "Dan to Beersheba" in exclusively retailone and everything a farmer or even if the service fee be donated .-Western Horseman.

LSSS THAN HALF the price of straw is one reason why you should use German Peat Moss for horse bedding. C. B. Barrett, importer, 45 North Market street, Boston.



## The Weather Bureau's Weekly Crop Bulletin. FOR WEEK ENDING MONDAY MAY 2, 1898

The past week has been rather unfavorable for farming operations in New England. A considerable rainfall, unseasonably low temperature, and lack of sunshine constituted a chain of conditions detrimental to the advancement of vegetation, and a hindrance to farm work of all kinds. The rainy days were generally the 26th, 28th and 29th. Of the remaining days two were cloudy and damp, thus leaving only two days out of the entire week that were suitable. The heaviest precipitation area in the several storms was the coast line of the district, which was visited by a typical "coast storm" on the the 28th and 29th, involving heavy rain and high winds. In most interior sections there were hard frosts on two mornings, two cold storms with some hail and dashes of snow. The week ended with prevailing bright and fine weather and higher, seasonable temper-

As a result of the week's weather, Many fields have been too wet to work, and will require several days of drying weather to get into condition. It is feared that considerable damage may have been done to seed planted prior to the past week.

very little done up to date, nearly all land being too wet to work. In a number of sections of the State the ground was frozen on the morning of the 28th. The general impression seems to be that grass wintered well, and is in excellent condition, although retarded in growth

About the same state of affairs prevails in New Hampshire, and planting sheep raising, that has made the conhas not been done to any amount. The ditions easier for the country to fall matter of not the least importance in the prooutlook is favorable for a generous into a warlike spirit. But, on the duction of uniform butter of first quality, probloom of apples and pears, but peach other hand, Spain has always been a buds are largely killed. Spring seeding warlike country, an ungentle, even a warm and sweet.

In this last named factor lies the one great is behind and the same is true of most

pasture. Some farmers have begun fitting their corn ground.

In Massachusetts plants under glass show the effect of the dull weather and vice for the season of 1898 on Monday, May 9. that an honestly built separator is selected. no sunshine. The work of preparing Express trains, with parior cars attached, will My own experience is confined to the Sharp, land for crops goes on, but planting is leave Boston from Park Square Station at 6.45 les Farm Separator made at West Chester, Pa., dant water and grows tolerably well, Providence at 8 P. M., due New York 7 A. M., turns as readily as a grain fan. And the creamit will not be long before this class of horses will be extremely high. The horse business has a grand future, and we believe there never was a time when up, and with proper weather will forge breeding and raising good horses as at are in fair condition, but plants make the largest livery stables in the Northwest. Re-

Recent heavy rains in Rhode Island prices and a stronger demand than ever did considerable danage to newly friends. No horseman should be without it in was known before.—Breeder's Gazette. seeded ground and some planting will his stable." For curbs, splints, spavins, windhave to be done again. Low lands can- puffs and all bunches give it a trial. If you not be worked owing to their wetness. Some grain has started and oats as a rule proved demand for horses of high type, look well. Barley is reported in sections as looking brown, attributable to

Cherries and plum trees are in full bloom in southern Connecticut, peaches half bloomed, and pears just coming under normal conditions. Much ground

> Section Director, Boston, Mass. Supplies for Everybody.

The patrons of Thos. J. Grev & Co. will be attention to the best interests of their custom search of buyers at "plug" prices, gardener may need in the way of seeds, implements, all kinds of tools, or repairs, may be found at their store. They have established reputation for carrying none but the first quality goods, their shipments are prompt, prices reasonable and their personal attention is given to the details of their business. A specialty of this firm is the Universal Weeder. A wonderfully effective tool, which does away with all back-breaking hand hoeing, and may be used not only as a weed eradicator, but for putting in grain, grass seeds, or millet, pulverizing the soil at the same time. It is very easy to operate and saves both time and money. Ask to see it at their store 32 So. Market St., or send for their catalogue.

> THE BEST I EVER USED," (Proprietor Woodside Stock Farms.)

Sparts, Ga., Oct 2, 1897. Gombault's Caustic Balsam is the best thing of the kind I ever used. I cured a bad case of bone spavin with it. For blistering, it has no

Big Round Dollars.



P. M. SHARPLES,

## Sheep as Missionaries.

that state should keep sheep. The various forms of income and their value to expense, but is so much clear. the land were instanced, but a reason said the writer, "are the gentlest, the ducing butter of uniformly superior grade. most cleanly; they will not soil their track dirt into their houses. Their ation two things. sweetness of disposition, modesty, pliable docility, patience, evenness of tem- to nearly as many different conditions. It is of per and contentment with whatever varying degrees of freshness, or in some cases Our correspondents in Maine report the dripping of the water wears the their milk but once in two days. It has also rock, have a potent influence over their is never creamed to better advantage than when master. This may be an entirely new first drawn. attribute of the sheep; but I am fully Second:-The dairyman who is also his own persuaded that the man who tends his butter-maker has within his control every conflocks, and follows them for many years, unless wholly depraved, bewill allow no portion of this advantage to be comes a gentler, kinder and better lost to him. Care will be exercised that the by the bad weather. Stock is not yet man." Perhaps, then, it is the smaller milk shall not become tainted from rank foods number of sheep than formerly, and the given at unsuitable times. The stables will be general shrinkage of the industry of well brushed off and if need be their udders cruel country, and yet the Spanish me- advantage of "creamery" over farmer's butter. rino flocks have been the most famous For by the use of the separator employed in Moderate progress has been made in in the world, and were regarded by the butter factories for creaming the milk, not only Vermont. The farmers are plowing natives with as much pride and affecand sowing some grain. Fruit trees tion as an Arab feels for his horse. Some separators also thoroughly agrate the milk promise a large blossom, and the pros- But as missionaries of peace and gen- from which the odors and taints of rank foods

10t, as yet, general. Grass has abunsteamers Plymouth and Rhode Island, leaving indeed. It is very simple, easily cared for and

> garding Ginn's Ointment, Mr. Dickens says, "I have been using it for some time with cannot obtain from your druggist write W. B. Eddy & Co., Whitehall, N. Y., who will send regular size for \$1.50, smaller size 50 cents.





# ST. LAMBERT.

HOBART FARM, Dover, N. H., J. W. HOBART, 73 Tremont St., Be DAIRYING.

A Few Thoughts From a Plain Farmer.

'farmers' butter" can not equal in quality the product of the creamery.

Go to any country store and ask the price of butter and you will be told that "creamery" is worth so much while farmers' butter is at i least two cents, and often five cents or more, lower. The cause of this discrepancy is largely The LITTLE GIANT due to a lack of uniformity, not only in the gets it all at the lowest product of neighboring farms, but several samples of butter from the same place and made by the same person often show a marked difference

This uncertainty in the quality of his product reacts on the dairy farmer to his pecuniary hurt. For as we noted above, the selling price of his butter is often lowered permanently even when it may nearly or quite equal the product of the nearest creamery.

Now dairying is, or should be, the most A paper was recently read before the profitable line of employment a farmer can twenty-seventh annual meeting of the pursue. And if he make from twenty-five to Kansas Board of Agriculture, giving a two hundred or more pounds per week, as number of reasons why the farmers of many dairy farmers do, a loss of even two cents

Instead of the cairyman producing butter not usually urged was the influence of inferior to "creamery," or at least that lacks within his power to excel the creamery in pro. The truth of this statement becomes the feet if they can avoid it, much less more readily apparent if we take into consider-

> First:-The milk received at a creamery comes from many sources and has been subjected

been enjoyed only by the creameries until within power cream separators to be had which do quite as good work as the larger machines, and This popular line will resume passenger ser- it is only necessary to observe ordinary care

# Springer Bros.

Ladies' Tailor-Made Suits, Coats, Capes, Skirts, Silk Waists, Bicycle Suits, Misses' and Children's Suits and Reefers.

greater inducements in fashionable styles or reasonable prices are possible elsewhere.

n Elegant Display of SHIRT WAISTS Will be Opened the First Week in May.

# \$500 Washington ST

and says he is satisfied it saves him about twenty per cent of other food. I mention this because ordinarily the warm skimmed milk is thought of only as a first class food for calves

Another thing that keeps some farmers from realizing as much as they should for their butter is that they have become so accustomed to their own make that they do not appreciate the fact that the market may demand something different. The peculiarities of their method of sheep culture upon character. "Sheep," the uniformity of the creamery product, it is handling the milk, cream and butter is stamped indelibly upon the product of their dairies, and they, themselves, from having eaten this product for years, have become so entirely used to this home bred flavor that it stands for highest quality with them, and they are honestly surprised that it is not equally appreciated by everyone else.

That, for profit, no other branch of farming can approach dairying is a well recognized fact. may be their lot must, just as surely as of staleness, for many smaller patrons deliver It is necessary, however, in order to attain generous success in this department, to apply to it business principles just as must be done in any mercantile pursuit, in other words to produce the best possible article at the least possible ex-

Springer Bros'. Fashions.



ing every day as business increases and limited extent. Cattle has been turned gers, combine to make the Providence Line de- a matter of special importance in the busy sea- The jacket is faced with silk, so as to present a handsome appearance, and the whole is ex-One farmer we know of feeds his warm ceedingly natty. This is only one of the hand-

# \$50.00 RANGES FOR \$25.00

TRIUMPH STEEL RANGE into every section of the United States, we will for a short time deliver at your detect free of charge our highest grade Steel range for \$25.00. The regular retail price is \$50.00. It has 6 eight-inch ilds Top cooking surface is \$0x34 inches. Oven 12 inches high, 17 inches wide and 21½ inches deep, and 15 gallon reservoir. Weight 4:0 lbs. Burns wood or coal. Write for Free Descriptive Pamphiet. Best Range made. WM. G. WILLARD, Manufacturer, 113 & 115 N. Second St., St. Louis, Mo.



If you are not feeling well, why don't you take Hood's Sarsaparilla? It will purify and enrich your blood and do you wonderful good.

# Veterinary Column.

I. F. H., Cambridge, Mass .- A sprain such as you describe is not incurable. Use Tuttle's Elixir.

Herseman, Elgin, Ill.— There is only one sure way
of escaping a lameness. Apply Tuttle's Elixir,
and it will remain moist on the part affected. Mrs. F. S. T., Richmond, Vs. — If you find a case of colic that Tuttle's Elixir will not cure, it will entitle you to the ≸100 reward offered by Dr. Tuttle. Wilbut S. Davis, M.D., Alton, N. H., writes :

"To whom it may concern: - This certifies that my horse, on the twentieth day of January, 1892, ran away with a hitching post and injured her knees so badly that she was pronounced worthless by several horse doctors. I tried various remedies for six weeks and she grew worse. I at length used Twittle's Elixir, and in three weeks from the time I commenced to us it I had her on the road ready for work. The knees healed so nicely that it is difficult to find the scars."



orms of lameness, colic, sprains, cockle joints, etc Tuttle's Pamily Elivir cures Rhenma DR. S. A. TUTTLE, 27 Beverly Street, Boston, Mass.

Having used your Elixir for sore backs, colic sprains and horse ail, I can recommend it thorse owners.

H. M. Young,
Supt. Woonsocket St. R. R. Co.



Colds, Coughs, Sore Throat, Influenza, Bronchitis, Pneumonia, Swelling of the Joints, Lumbago, Inflammation,

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Radway's Ready Relief is a Sure Cure for Every Pain, Sprains. Bruises, Pains in the Back, Chest or Limbs. It was the First and is the Only PAIN REMEDY

.\*. BE SURE TO GET RADWAY'S.

# An Indictment Against HAMMOND'S SLUG SHOT

The following representatives of fam-jured by the use of the insectivities throughout America, and even be-seas as Hammond's Slug Shot, which a believe to be made at Fishkill-on-Hude State of New York, and to be put up ages of various sizes and the same of our belief is sold by all dealers the garden, and which tradesman locality where a post office is estatis mainly distributed by the large is live in the chief cities and towns, the mond's Siug Shot has for generati-relatives been doing immense dama troying life, or producing an illness familles—which ended in the deat individuals, this preparation is a mo-article, for while if it fall upon a ever so tender, it does no approxiever so tender, it does no apprecia should one of our species inhale or

a very small portion this deadly stuf dire effects upon all our kin.

Therefore we representatives of the class of living beings upon the surface earth, assembled in conference in anothe bowers of this beautiful Island, defined the conference in th affirm, that the said Hammond's Si most dangerous article used in every to our hurt and damage, and warn every family of our species to be award depart from any TREE, SHRUB, vin-ing plant or vegetable if one or any value their lives or health, for while enemy man or to his animals, the Shot is in man's hands the most destru

weapons against our race.
Subscribed this 25th day of September,

Subscribed this 25th day of September, 1897.

Aphls.—The Green Fly.
Carpocapas P.—The Codling Meth.
Doryphora to L.—The Potato Bug.
Onicus.—The Sow Bug.
Tyloderma T.—The Strawberry Crown Borer.
Pleris Oleracia.
Pleris Oleracia.
Pieris Rapæ
The Cabbage Worms.
Agrotis—The Cut Worm.
Monostegla R. soe.—The Rose Slug.
Paleacrita V.—The Cankerworm.
Nematus, Vent.—The Curant Worm.
Gateruca Xan.—The Bim Tree Worm.
Gateruca Xan.—The Bim Tree Worm.
Diabrotica Vit—The Cucamber Bertle.
Eriocampe, C.—The Pear Tree Slug.
Anasa T.—The Squash Bug, and others by the

8c re. WITNESS to above signatures : Conotrachelus, N.—The

# **DROVIDENCE** LINE

NEW YORK

AND ALL POINTS SOUTH AND WEST Resumes Passenger Service

Monday, May, 9th, 1898. Steamers "PLYMOUTH" and "RHODE ISLAND" in Commission.

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FROM WORCESTER: — Steamboat Express Train leaves Union Station 6.10 P.M. daily, except Sunday.
FROM PROVIDENCE: —Steamer leaves Fox Point Whart 8 P.M. daily, except Sunday. Due New York 7 A.M.

Point Whari S P.M. daily, except Sunday.
Due New York 7 A.M.
Returning leave New York at 5.30 P.M., from
New Pier 36, N. R.
J. W MILLER, President.
W. DEW. DIMOCK. Ass't Gen'l Pass'r Agt.
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Dear sir:—Your letter of February 7 received in reply will

Dear sir:—Your letter of February 7 received in reply will say that we want to thank you for same and would also say that this is the first time we ever knew of a paper of your class having the courage to come right out and state a fact, and we want to say right here that we don't think you have made any mistake, for the goods will back you up in the statement. We are willing to stake our business reputation of ever 57 years that the Levell Diamond is the best bicycle built, not only in this country but in any other.

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Again thanking you for your kind letter and always wishing you the very best of success, we remain Yours respectfully.

Dictated by B. S. L.

In reply to numerous private inquiries from its tremendous clientage the "WESTERN REWIEW OF COMMERCE" -- the scientific publication having the largest circulation in the West--caused to be made a most exhaustive comparison between all the better grades of wheels available in open market. As the result of the expert and critical examination of 37 different makes, and with the utmost impartiality and without any prejudice, this publication unhesitatingly announces in favor of the LOVELL DIAMOND over all competitors.

Editorial Department.

Subscribers free of char,

WESTERN REVIEW OF COMMERCE

Bradbury Publishing Co., Incorporated 223-225 DEARBORN STREET.

Chicago, Feb. 15th, 1898.

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Yours very truly,



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